

USAFETAC/DS-79/019

A070151

**DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)**

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

KEESLER AFB MISSISSIPPI/BILOXI

WBAN # 13820

N 30 24 W 088 55

FLD ELEV 26 FT

KBIX

WMO #

PARTS A-F

POR FROM HOURLY OBS: MAY 42-SEP 68, NOV 68-DEC 74

POR FROM DAILY OBS: MAY 42-SEP 68, NOV 68-DEC 74

JUL 16 1975

**FEDERAL BUILDING
ASHEVILLE, N. C.**

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MICHAEL W. PRESTON
SMSgt, USAF
USAFETAC Reviewer

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
Information Officer

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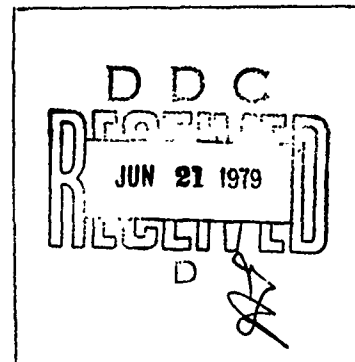
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| 1. REPORT NUMBER | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER | | | | | | | | | | | | | | | | |
| USAFETAC/DS- 79/019 | | | | | | | | | | | | | | | | | | |
| 4. TITLE (and Subtitle) | | 5. TYPE OF REPORT & PERIOD COVERED | | | | | | | | | | | | | | | | |
| Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Keesler AFB Biloxi, Mississippi | | Final rept. | | | | | | | | | | | | | | | | |
| 7. AUTHOR(s) | | 8. CONTRACT OR GRANT NUMBER(s) | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS | | 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS | | | | | | | | | | | | | | | | |
| USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225 | | | | | | | | | | | | | | | | | | |
| 11. CONTROLLING OFFICE NAME AND ADDRESS | | 12. REPORT DATE | | | | | | | | | | | | | | | | |
| USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225 | | 16 Jul 75 | | | | | | | | | | | | | | | | |
| | | 13. NUMBER OF PAGES | | | | | | | | | | | | | | | | |
| | | 462 p. | | | | | | | | | | | | | | | | |
| 14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) | | 15. SECURITY CLASS (of this report) | | | | | | | | | | | | | | | | |
| | | UNCLASSIFIED | | | | | | | | | | | | | | | | |
| | | 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE | | | | | | | | | | | | | | | | |
| 16. DISTRIBUTION STATEMENT (of this Report) | | | | | | | | | | | | | | | | | | |
| Approved for public release; distribution unlimited. | | | | | | | | | | | | | | | | | | |
| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | | | | | | | | | | | | | | | | | |
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| 18. SUPPLEMENTARY NOTES | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table> | | | | *RUSSWO | Daily temperature | Atmospheric pressure | Snowfall | Extreme snow depth | Extreme surface winds | Climatology | Sea-level pressure | Psychrometric summary | Surface Winds | Extreme temperature | Ceiling versus visibility | Relative humidity | *Climatological data | (over) |
| *RUSSWO | Daily temperature | Atmospheric pressure | | | | | | | | | | | | | | | | |
| Snowfall | Extreme snow depth | Extreme surface winds | | | | | | | | | | | | | | | | |
| Climatology | Sea-level pressure | Psychrometric summary | | | | | | | | | | | | | | | | |
| Surface Winds | Extreme temperature | Ceiling versus visibility | | | | | | | | | | | | | | | | |
| Relative humidity | *Climatological data | (over) | | | | | | | | | | | | | | | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) | | | | | | | | | | | | | | | | | | |
| <p>This report is a six-part statistical summary of surface weather observations for Keesler AFB, Biloxi, Mississippi</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over))</p> | | | | | | | | | | | | | | | | | | |

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1 JAN 73 1473

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19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Mississippi

* Keesler AFB MS

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

| STATION NO ON SUMMARY | | STATION NAME | | LATITUDE | | LONGITUDE | | FIELD ELEV (FT.) | | CALL SIGN | | WMO NUMBER | |
|--|------------------------------|---|---------------------|------------------|-----------------|---|---------------------|------------------|-------------|-----------|--|------------|--|
| 13820 | | KEESLER AFB MISSISSIPPI/BILOXI | | N 30 24 | | W 088 55 | | 26 | | KBIX | | | |
| STATION LOCATION AND INSTRUMENTATION HISTORY | | | | | | | | | | | | | |
| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY | | | | |
| | | | FROM | TO | | | FIELD (FT) | HT. BARO. | | | | | |
| 1. | Keesler Field, Biloxi Miss. | AAF | May 42 | Mar 44 | N 30 24 | W 088 55 | 11 | 24 | 24 | | | | |
| 2. | SAME | same | Apr 44 | Dec 47 | same | same | 13 | 25 | 24 | | | | |
| 3. | Keesler AFB, Miss. | AFB | Jan 48 | Mar 53 | same | same | same | same | 24 | | | | |
| 4. | SAME | same | Apr 53 | Mar 55 | same | same | 16 | same | 24 | | | | |
| 5. | SAME | same | Apr 55 | Mar 63 | same | same | 16 | 26 | 24 | | | | |
| 6. | SAME | same | Apr 63 | Aug 65 | same | same | 26 | 26 | 24 | | | | |
| 7. | SAME | same | Sep 65 | 2Sep 68 | same | same | same | same | 17 to 18 | | | | |
| 8. | Gulfport Nap, Miss. | NWS | 3Sep 68 | 1Nov 68 | same | W 089 04 | 28 | N/A | 17 to 19 | | | | |
| 9. | Keesler AFB, Miss. | AFB | 2Nov 68 | Dec 74 | same | W 088 55 | 26 | 26 | 17 to 19 | | | | |
| | | | | | | | | | | | | | |
| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE | | | | | | | |
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | | | | | | | | |
| 1. | Mar 42 | Located on Hangar #5 | anemometer | N/A | 59ft | | | | | | | | |
| 2. | Jun 48 | Not Available | Selsyn | ML-144 | N/A | | | | | | | | |
| 3. | Jan 51 | Located on top of Hangar #5 | same | same | 61ft | | | | | | | | |
| 4. | Apr 58 | Located at the intersection of the 2 Rnwys about 1/3 mile W of the Weather Station. | AN/CMQ 11 | RO-2 | 13ft | | | | | | | | |
| 5. | Apr 60 | Located 850ft NE of NW-SE Rnwy centerline and 850ft NW of NE-SW Rnwy centerline. | AN/CMQ 11 | RO-2 | 13ft | | | | | | | | |

| SURFACE AND EQUIPMENT INFORMATION | | | | | REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR REMOVAL |
|-----------------------------------|--|---------------------|------------------|-----------------|---|
| | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1. Apr 64 | Dual Instrumented 1) Located 1000ft NE of end of Rwy 03 and 500ft from center of Rwy. | same | same | same | |
| 2. Nov 64 | 1) Located 450ft NE of end of Rwy 21 and 500ft from center of Rwy. | same | | same | |
| 3. Nov 64 | Dual Instrumented 1) Located 1150ft N and 80ft E of end of Rwy 03. | same | same | same | |
| 4. Nov 64 | 2) Located 70ft N and 675ft E of end of Rwy 21. | same | | same | |
| 5. Apr 69 | Dual Instrumented 1) Located 500ft NW of centerline and 1100ft off end of Rwy 03. | same | RO-362 | | |
| 6. Apr 69 | 2) Located 680ft E of centerline and 680ft off end of Rwy 21. | same | | same | |
| 7. Jan 71 | Dual Instrumented 1) SAME | AM/GMQ20 | same | same | |
| 8. Jan 71 | 2) SAME | Same | | same | |
| 9. Dec 71 | 1) SAME | same | same | same | |
| 10. Dec 71 | 2) SAME | same | | same | |

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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

13820 KEESSLER AFB MISSISSIPPI/SILOXI 42-74 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | ALL | .5 | 9.1 | .1 | .1 | | 9.3 | 22.2 | 7.2 | | .1 | 28.4 | 22710 |
| FEB | | .7 | 8.8 | .0 | .2 | .0 | 9.0 | 18.4 | 8.9 | | .2 | 26.6 | 20542 |
| MAR | | 1.7 | 8.3 | | .0 | .0 | 8.3 | 17.7 | 8.3 | .0 | .3 | 25.4 | 21891 |
| APR | | 1.8 | 5.4 | | | | 5.4 | 10.1 | 7.3 | | .3 | 16.8 | 21435 |
| MAY | | 2.0 | 4.0 | | | .0 | 4.0 | 2.4 | 5.0 | | .0 | 7.0 | 22679 |
| JUN | | 3.6 | 4.7 | | | | 4.7 | 1.4 | 5.0 | | .0 | 6.0 | 21879 |
| JUL | | 5.1 | 5.9 | | | | 5.9 | 1.3 | 4.4 | | .0 | 5.2 | 23300 |
| AUG | | 4.4 | 5.4 | | .0 | | 5.4 | 1.7 | 5.7 | | .0 | 7.0 | 23504 |
| SEP | | 2.0 | 7.8 | | | | 7.8 | 4.0 | 5.4 | | .0 | 8.7 | 22148 |
| OCT | | .5 | 3.7 | | | | 3.7 | 6.3 | 6.3 | | | 11.7 | 22595 |
| NOV | | .6 | 5.9 | | | | 5.9 | 10.9 | 7.3 | | | 17.2 | 22618 |
| DEC | | .5 | 8.4 | .0 | .1 | | 8.5 | 18.5 | 8.2 | | .1 | 25.5 | 22618 |
| TOTALS | | 2.0 | 6.5 | .0 | .0 | .0 | 6.5 | 9.6 | 6.6 | .0 | .1 | 15.5 | 267919 |

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WEATHER CONDITIONS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-74 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | 00-02 | .8 | 8.7 | .2 | | | 8.9 | 27.0 | 5.3 | | .1 | 31.4 | 2245 |
| | 03-05 | .5 | 7.9 | .1 | .0 | | 8.1 | 29.7 | 4.5 | | | 33.1 | 2468 |
| | 06-08 | .3 | 9.4 | .1 | .3 | | 9.8 | 29.7 | 5.3 | | | 33.3 | 3059 |
| | 09-11 | .2 | 8.5 | .2 | .1 | | 8.7 | 20.6 | 8.1 | | .1 | 28.1 | 3061 |
| | 12-14 | .6 | 9.1 | .2 | .1 | | 9.4 | 14.8 | 8.8 | | .2 | 23.0 | 3070 |
| | 15-17 | .6 | 9.9 | .1 | .1 | | 10.1 | 14.5 | 9.9 | | .2 | 23.3 | 3051 |
| | 18-20 | .6 | 10.1 | .0 | .1 | | 10.2 | 17.7 | 8.8 | | .2 | 25.8 | 3022 |
| | 21-23 | .5 | 8.9 | .1 | .1 | | 9.1 | 22.2 | 7.2 | | .1 | 29.3 | 2734 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 9.1 | .1 | .1 | | 9.3 | 22.2 | 7.2 | | .1 | 28.4 | 22719 |

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DATA PROCESSING BRANCH
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WEATHER CONDITIONS

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(
13820 KESLER AFB MISSISSIPPI/BILUXI 43-74 FEB
STATION STATION NAME YEARS MONTH

(
PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| FEB | 00-02 | .6 | 9.5 | | | | 9.5 | 24.3 | 7.9 | | .1 | 31.2 | 2050 |
| | 03-05 | .6 | 8.8 | .1 | | | 8.9 | 26.0 | 6.0 | | .0 | 30.7 | 2213 |
| | 06-08 | .8 | 9.3 | | .2 | | 9.4 | 25.9 | 7.9 | | .1 | 32.2 | 2757 |
| | 09-11 | .4 | 8.0 | | .1 | | 8.0 | 18.8 | 8.9 | | .1 | 27.0 | 2766 |
| | 12-14 | .5 | 7.5 | | .4 | | 7.7 | 10.9 | 9.4 | | .4 | 20.2 | 2778 |
| | 15-17 | .5 | 8.4 | | .5 | .0 | 8.8 | 10.0 | 11.3 | | .4 | 21.0 | 2750 |
| | 18-20 | .8 | 9.6 | | .4 | | 10.0 | 13.5 | 11.4 | | .1 | 24.6 | 2735 |
| | 21-23 | 1.0 | 9.3 | | .0 | | 9.3 | 17.8 | 8.5 | | .2 | 26.0 | 2493 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 8.8 | .0 | .2 | .0 | 9.0 | 18.4 | 8.9 | | .2 | 26.6 | 20542 |

DATA PROCESSING BRANCH
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WEATHER CONDITIONS

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAR | 00-02 | 1.6 | 8.3 | | | | 8.3 | 23.4 | 6.2 | | .3 | 29.4 | 2138 |
| | 03-05 | 2.0 | 8.3 | | .0 | | 8.3 | 25.9 | 5.0 | | .3 | 30.5 | 2362 |
| | 06-08 | 1.9 | 8.4 | | .1 | | 8.4 | 26.5 | 8.0 | | .1 | 33.3 | 2989 |
| | 09-11 | 1.5 | 8.1 | | | | 8.1 | 15.2 | 8.2 | | .5 | 22.8 | 2957 |
| | 12-14 | 1.7 | 8.1 | | | | 8.1 | 10.2 | 9.6 | .0 | .4 | 19.3 | 2928 |
| | 15-17 | 1.4 | 8.9 | | .0 | .0 | 8.9 | 10.6 | 10.3 | .0 | .2 | 20.1 | 2941 |
| | 18-20 | 1.6 | 8.2 | | | | 8.2 | 13.6 | 10.4 | | .3 | 23.1 | 2927 |
| | 21-23 | 2.2 | 8.1 | | | | 8.1 | 16.4 | 8.5 | | .3 | 24.3 | 2649 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.7 | 8.3 | | .0 | .0 | 8.3 | 17.7 | 8.3 | .0 | .3 | 25.4 | 21891 |

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WEATHER CONDITIONS

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| APR | 00-02 | 2.4 | 5.9 | | | | 5.9 | 14.2 | 5.4 | | .2 | 19.3 | 2116 |
| | 03-05 | 1.9 | 5.7 | | | | 5.7 | 18.6 | 5.2 | | .1 | 23.1 | 2319 |
| | 06-08 | 1.7 | 5.5 | | | | 5.5 | 17.9 | 8.5 | | .0 | 24.2 | 2934 |
| | 09-11 | 1.3 | 5.1 | | | | 5.1 | 6.4 | 8.1 | | .2 | 14.1 | 2899 |
| | 12-14 | 1.6 | 5.6 | | | | 5.6 | 3.8 | 7.2 | | .4 | 11.0 | 2887 |
| | 15-17 | 1.3 | 4.7 | | | | 4.7 | 4.1 | 8.9 | | .4 | 12.6 | 2892 |
| | 18-20 | 2.4 | 5.8 | | | | 5.8 | 6.8 | 8.7 | | .4 | 14.8 | 2838 |
| | 21-23 | 1.8 | 4.9 | | | | 4.9 | 9.1 | 6.2 | | .4 | 15.1 | 2550 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.8 | 5.4 | | | | 5.4 | 10.1 | 7.3 | | .3 | 16.8 | 21435 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAY | 00-02 | 2.0 | 2.8 | | | | 2.8 | 2.1 | 3.7 | | .1 | 5.9 | 2250 |
| | 03-05 | 2.3 | 4.2 | | | | 4.2 | 7.1 | 5.7 | | .1 | 11.6 | 2619 |
| | 06-08 | 1.2 | 3.9 | | | | 3.9 | 5.8 | 8.1 | | .0 | 12.5 | 3096 |
| | 09-11 | 1.5 | 3.7 | | | | 3.7 | .9 | 4.5 | | | 5.2 | 3062 |
| | 12-14 | 2.1 | 5.2 | | | .0 | 5.2 | .8 | 3.9 | | | 4.5 | 3056 |
| | 15-17 | 2.1 | 4.2 | | | | 4.2 | .9 | 4.5 | | .1 | 5.3 | 3045 |
| | 18-20 | 2.1 | 4.1 | | | | 4.1 | .9 | 5.4 | | | 6.1 | 3015 |
| | 21-23 | 2.4 | 3.7 | | | | 3.7 | .9 | 4.0 | | | 4.7 | 2536 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.0 | 4.0 | | | .0 | 4.0 | 2.4 | 5.0 | | .0 | 7.0 | 22679 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUN | 00-02 | 2.7 | 3.6 | | | | 3.6 | .9 | 4.2 | | | 4.9 | 2251 |
| | 03-05 | 3.4 | 4.7 | | | | 4.7 | 4.3 | 6.0 | | | 8.9 | 2555 |
| | 06-08 | 2.5 | 4.2 | | | | 4.2 | 3.1 | 6.8 | | .0 | 8.8 | 2909 |
| | 09-11 | 2.2 | 4.4 | | | | 4.4 | .3 | 3.8 | | .1 | 4.2 | 2904 |
| | 12-14 | 5.4 | 5.5 | | | | 5.5 | .3 | 4.6 | | .1 | 5.0 | 2915 |
| | 15-17 | 6.3 | 6.5 | | | | 6.5 | .5 | 4.8 | | .0 | 5.3 | 2926 |
| | 18-20 | 3.9 | 5.1 | | | | 5.1 | .7 | 5.1 | | .0 | 5.6 | 2919 |
| | 21-23 | 2.3 | 3.2 | | | | 3.2 | .7 | 4.7 | | .0 | 5.3 | 2500 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.6 | 4.7 | | | | 4.7 | 1.4 | 5.0 | | .0 | 6.0 | 21879 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUL | 00-02 | 2.2 | 2.7 | | | | 2.7 | .9 | 3.0 | | | 3.7 | 2361 |
| | 03-05 | 4.6 | 4.5 | | | | 4.5 | 4.2 | 5.8 | | | 8.2 | 2741 |
| | 06-08 | 3.8 | 6.0 | | | | 6.0 | 3.5 | 6.1 | | | 8.1 | 3089 |
| | 09-11 | 4.0 | 5.7 | | | | 5.7 | .5 | 3.6 | | | 4.0 | 3093 |
| | 12-14 | 8.7 | 8.9 | | | | 8.9 | .4 | 4.1 | | | 4.4 | 3127 |
| | 15-17 | 9.9 | 9.2 | | | | 9.2 | .3 | 4.9 | | | 5.2 | 3152 |
| | 18-20 | 5.0 | 6.3 | | | | 6.3 | .3 | 4.3 | | .0 | 4.6 | 3066 |
| | 21-23 | 2.8 | 3.8 | | | | 3.8 | .5 | 3.0 | | | 3.4 | 2671 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 5.1 | 5.9 | | | | 5.9 | 1.3 | 4.4 | | .0 | 5.2 | 23300 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| AUG | 00-02 | 2.4 | 2.6 | | | | 2.6 | 1.1 | 3.7 | | | 4.5 | 2464 |
| | 03-05 | 4.2 | 4.0 | | | | 4.0 | 3.9 | 6.0 | | | 8.8 | 2796 |
| | 06-08 | 3.0 | 5.1 | | | | 5.1 | 5.3 | 9.1 | | | 12.8 | 3104 |
| | 09-11 | 3.5 | 5.8 | | | | 5.8 | 1.0 | 5.8 | | | 6.5 | 3111 |
| | 12-14 | 7.5 | 8.0 | | 0 | | 8.0 | .4 | 5.3 | | | 5.7 | 3143 |
| | 15-17 | 8.8 | 9.1 | | | | 9.1 | .4 | 5.7 | | .1 | 6.2 | 3105 |
| | 18-20 | 4.4 | 5.6 | | | | 5.6 | .8 | 5.8 | | .0 | 6.6 | 3085 |
| | 21-23 | 1.6 | 2.8 | | | | 2.8 | .5 | 4.3 | | .0 | 4.6 | 2696 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 4.4 | 5.4 | | 0 | | 5.4 | 1.7 | 5.7 | | .0 | 7.0 | 23504 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 00-02 | 1.2 | 7.3 | | | | 7.3 | 2.9 | 3.1 | | | 5.4 | 2321 |
| | 03-05 | 1.5 | 7.3 | | | | 7.3 | 7.9 | 4.9 | | | 11.5 | 2632 |
| | 06-08 | 2.1 | 7.8 | | | | 7.8 | 11.9 | 9.8 | | | 18.9 | 2947 |
| | 09-11 | 2.3 | 8.9 | | | | 8.9 | 3.0 | 6.5 | | | 9.4 | 2932 |
| | 12-14 | 3.0 | 8.9 | | | | 8.9 | 1.4 | 4.7 | | | 6.1 | 2934 |
| | 15-17 | 3.0 | 8.4 | | | | 8.4 | 1.3 | 4.6 | | .0 | 5.9 | 2919 |
| | 18-20 | 2.0 | 7.7 | | | | 7.7 | 1.6 | 5.4 | | | 6.8 | 2910 |
| | 21-23 | 1.1 | 5.7 | | | | 5.7 | 1.6 | 4.3 | | | 5.4 | 2553 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.0 | 7.8 | | | | 7.8 | 4.0 | 5.4 | | .0 | 8.7 | 22148 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 STATION KESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-67,69-74 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| OCT | 00-02 | .3 | 3.0 | | | | 3.0 | 9.8 | 3.8 | | | 12.8 | 2342 |
| | 03-05 | .5 | 3.6 | | | | 3.6 | 13.6 | 5.1 | | | 17.0 | 2670 |
| | 06-08 | .7 | 4.6 | | | | 4.6 | 14.0 | 9.1 | | | 20.6 | 2998 |
| | 09-11 | .4 | 3.4 | | | | 3.4 | 2.7 | 6.8 | | | 9.1 | 2991 |
| | 12-14 | .5 | 3.5 | | | | 3.5 | 1.1 | 5.2 | | | 6.3 | 2985 |
| | 15-17 | .6 | 4.5 | | | | 4.5 | 1.5 | 7.4 | | | 8.7 | 3001 |
| | 18-20 | .4 | 3.9 | | | | 3.9 | 2.2 | 7.0 | | | 8.7 | 2978 |
| | 21-23 | .3 | 3.4 | | | | 3.4 | 5.4 | 6.0 | | | 10.3 | 2630 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 3.7 | | | | 3.7 | 6.3 | 6.3 | | | 11.7 | 22595 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| NOV | 01-02 | 1.0 | 7.1 | | | | 7.1 | 16.0 | 5.5 | | | 20.6 | 2293 |
| | 03-05 | .8 | 7.2 | | | | 7.2 | 18.2 | 5.2 | | | 22.4 | 2502 |
| | 06-08 | .6 | 6.6 | | | | 6.6 | 19.6 | 8.9 | | | 25.8 | 3041 |
| | 09-11 | .5 | 5.4 | | | | 5.4 | 7.5 | 8.3 | | | 14.9 | 3050 |
| | 12-14 | .3 | 5.7 | | | | 5.7 | 4.6 | 6.9 | | | 11.1 | 3008 |
| | 15-17 | .5 | 5.0 | | | | 5.0 | 4.7 | 7.9 | | | 12.2 | 2991 |
| | 18-20 | .5 | 4.9 | | | | 4.9 | 6.4 | 8.1 | | | 13.7 | 2981 |
| | 21-23 | .6 | 5.3 | | | | 5.3 | 10.5 | 7.6 | | | 16.6 | 2752 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .6 | 5.9 | | | | 5.9 | 10.9 | 7.3 | | | 17.2 | 22618 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13820 STATION KEESSLER AFB MISSISSIPPI/BILOXI 42-74 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| DEC | 00-02 | .4 | 8.2 | | | | 8.2 | 21.0 | 6.6 | | | 26.3 | 2338 |
| | 03-05 | 1.0 | 8.5 | .0 | .0 | | 8.5 | 24.0 | 5.6 | | | 28.5 | 2515 |
| | 06-08 | .4 | 9.2 | | .1 | | 9.2 | 26.3 | 7.3 | | .1 | 32.0 | 3002 |
| | 09-11 | .5 | 8.7 | | .3 | | 8.9 | 17.8 | 8.8 | | .1 | 25.4 | 3090 |
| | 12-14 | .4 | 8.2 | | .1 | | 8.3 | 11.0 | 9.9 | | .1 | 19.9 | 3070 |
| | 15-17 | .3 | 8.0 | | .1 | | 8.1 | 12.3 | 11.6 | | .1 | 22.9 | 3040 |
| | 18-20 | .4 | 8.0 | | .2 | | 8.2 | 15.6 | 9.2 | | .2 | 23.8 | 2882 |
| | 21-23 | .9 | 8.5 | | .1 | | 8.5 | 19.8 | 6.6 | | .0 | 25.0 | 2681 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 8.4 | .0 | .1 | | 8.5 | 18.5 | 8.2 | | .1 | 25.5 | 22618 |

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

DATA PROCESSING BRANCH
USAF ETAC
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XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

13820 KEESSLER AFB MISSISSIPPI/BILLOXI 46-74 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | DAILY | 6.0 | 39.8 | .9 | 1.0 | | 40.4 | 53.5 | 27.1 | | .2 | 60.2 | 894 |
| FEB | | 7.9 | 41.9 | .2 | .7 | .1 | 41.1 | 45.5 | 30.1 | | | 55.1 | 818 |
| MAR | | 14.7 | 41.4 | | .3 | .2 | 40.8 | 47.1 | 31.3 | | .1 | 56.6 | 878 |
| APR | | 12.9 | 30.9 | | | .4 | 29.9 | 35.8 | 27.3 | | .1 | 45.2 | 850 |
| MAY | | 16.7 | 27.4 | | | .3 | 27.0 | 17.1 | 19.8 | | .1 | 28.1 | 881 |
| JUN | | 30.4 | 36.7 | | | .1 | 35.8 | 13.1 | 20.1 | | | 26.6 | 869 |
| JUL | | 48.6 | 32.5 | | | | 50.7 | 10.6 | 16.4 | | | 20.8 | 898 |
| AUG | | 43.4 | 47.4 | | | .1 | 47.0 | 15.6 | 23.2 | | | 30.1 | 871 |
| SEP | | 20.6 | 38.0 | | | | 36.8 | 25.4 | 22.0 | | | 35.7 | 840 |
| OCT | | 5.4 | 22.6 | | | | 21.9 | 32.6 | 26.2 | | | 44.4 | 867 |
| NOV | | 6.4 | 28.2 | | | | 29.5 | 37.8 | 26.7 | | | 46.1 | 870 |
| DEC | | 7.4 | 40.6 | | .6 | | 39.4 | 48.3 | 28.6 | | .1 | 57.1 | 891 |
| TOTALS | | 13.4 | 37.3 | .1 | .2 | .1 | 36.7 | 31.9 | 24.9 | | .0 | 42.2 | 10447 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| | | |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

| | |
|---------------------|------------|
| Beginning thru 1945 | at 0800LST |
| Jan 46-May 47 | at 1230GMT |
| Jun 57-present | at 1200GMT |

U. S. Navy and National Weather Service (USWB)

| | |
|-----------------------|------------|
| Beginning thru Jun 52 | at 0030GMT |
| Jul 52-May 57 | at 1230GMT |
| Jun 57-present | at 1200GMT |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74
STATION STATION NAME YEARS

| PRECIP. | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 56.8 | 12.3 | 2.9 | 5.0 | 2.8 | 5.0 | 5.9 | 5.6 | 3.2 | .6 | .1 | | | 31.0 | 888 | 4.43 | 9.16 | .92 |
| FEB | 54.0 | 14.5 | 2.7 | 6.5 | 2.7 | 4.6 | 6.0 | 4.3 | 4.2 | .5 | | | | 31.4 | 818 | 4.00 | 6.88 | 1.24 |
| MAR | 54.8 | 12.9 | 2.9 | 4.0 | 2.9 | 5.6 | 4.2 | 5.2 | 5.6 | 1.8 | .1 | | | 32.3 | 898 | 6.74 | 7.13 | .19 |
| APR | 65.9 | 10.7 | 2.5 | 3.2 | 1.6 | 3.4 | 3.6 | 4.0 | 3.5 | 1.3 | .2 | | | 23.4 | 850 | 4.69 | 12.21 | .00 |
| MAY | 72.0 | 6.4 | 1.2 | 2.2 | 2.4 | 3.1 | 4.0 | 4.0 | 3.7 | .9 | .1 | | | 21.6 | 903 | 4.29 | 12.25 | .26 |
| JUN | 58.7 | 11.1 | 2.4 | 4.3 | 3.0 | 4.7 | 5.0 | 4.2 | 5.2 | 1.1 | .2 | | | 30.2 | 900 | 5.64 | 14.21 | .60 |
| JUL | 43.7 | 13.6 | 2.5 | 7.1 | 5.8 | 6.2 | 7.5 | 6.6 | 6.1 | .6 | .2 | | | 42.7 | 929 | 6.87 | 15.15 | 1.65 |
| AUG | 48.9 | 13.5 | 1.8 | 5.2 | 4.6 | 7.2 | 6.8 | 4.9 | 6.1 | 1.1 | | | | 37.6 | 923 | 6.01 | 12.37 | .34 |
| SEP | 58.3 | 10.8 | 2.4 | 3.9 | 2.0 | 4.8 | 4.3 | 5.8 | 5.3 | 2.0 | .3 | .1 | | 30.9 | 883 | 6.91 | 18.67 | .00 |
| OCT | 76.2 | 5.9 | 1.6 | 3.2 | 1.8 | 3.2 | 3.0 | 2.7 | 1.9 | .2 | | | | 17.9 | 896 | 2.34 | 10.62 | .00 |
| NOV | 68.0 | 9.5 | 2.6 | 3.3 | 2.5 | 3.2 | 3.7 | 3.2 | 3.6 | .3 | .1 | | | 22.5 | 897 | 3.48 | 11.09 | TRACE |
| DEC | 55.6 | 13.1 | 2.2 | 5.0 | 3.4 | 5.8 | 4.6 | 4.1 | 5.9 | .4 | | | | 31.4 | 918 | 4.93 | 8.82 | 1.29 |
| ANNUAL | 59.4 | 11.2 | 2.3 | 4.4 | 3.0 | 4.7 | 4.9 | 4.5 | 4.5 | .9 | .1 | .0 | | 29.4 | 10703 | 6.33 | | |

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILLOXI 42-74

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|--------|-------|-------|------|--------|------|-------|-------|-------|-------|-------|------|---------------|
| 42 | | | | | * 4.66 | 1.90 | 1.55 | 1.63 | 1.31 | 1.71 | .33 | 1.18 | |
| 43 | .82 | 1.20 | 2.02 | .51 | 1.38 | 1.13 | .29 | 1.90 | 2.87 | .28 | 5.02 | 2.86 | 5.02 |
| 44 | 2.35 | .85 | 4.78 | 2.97 | .50 | .96 | 2.46 | 2.81 | 5.94 | .06 | 2.72 | 2.07 | 5.94 |
| 45 | 2.25 | 1.87 | 1.63 | 3.39 | 1.50 | 3.30 | 5.96 | 1.03 | 1.88 | .82 | .52 | 1.85 | 5.96 |
| 46 | 1.20 | 1.42 | 5.68* | .00* | .75 | 3.43 | 2.12* | 1.75 | 2.60 | .41 | .68 | 1.26 | 5.68 |
| 47 | 2.84 | .64 | 4.20 | 2.20 | 1.54 | 1.33 | 1.25* | 1.81 | 5.48 | 1.49 | 2.00 | 2.17 | 5.48 |
| 48 | * 1.65 | 1.14 | 4.87 | 1.42 | 2.75 | 4.36 | 3.21* | 2.10 | 4.61 | .20 | 1.70 | 1.72 | 4.87 |
| 49 | .51 | 2.86 | 1.27 | 1.53 | 2.74 | 1.87 | 3.48* | 1.49 | 4.25 | 1.92 | TRACE | 1.83 | 4.25 |
| 50 | .60 | .89 | 1.45 | .98 | .80 | 1.64 | 2.42 | 3.01 | 1.55 | 1.26 | .50 | 1.76 | 3.01 |
| 51 | 1.00 | .80 | 4.20 | 1.64 | .54 | 2.05 | 1.81 | 2.14 | 2.82 | 2.20 | 1.30 | .75 | 4.20 |
| 52 | 1.63 | 1.75 | 3.33 | 1.50 | 2.68 | .74 | 1.96 | 1.03 | 2.81 | .00 | .71 | 2.34 | 3.33 |
| 53 | .82 | 2.80 | 2.25 | 3.19 | .48 | 4.32 | 1.04 | 1.45 | .41 | .29 | 3.04 | 2.34 | 4.32 |
| 54 | .64 | .70 | 1.65 | .45 | 1.38 | 1.47 | 2.91 | .31 | 5.04 | .85 | 1.64 | 1.72 | 5.04 |
| 55 | 1.34 | 2.66 | .09 | 5.82 | 2.19 | 1.27 | 1.76 | 2.77 | .74 | 1.65 | .76 | 3.02 | 5.82 |
| 56 | 2.69 | 1.35 | 1.19 | 2.46 | .25 | 2.30 | 3.00 | .62 | 3.42 | .31 | .61 | 1.66 | 3.42 |
| 57 | .39 | 1.18 | 2.77 | 2.18 | 1.15 | 1.38 | 1.72 | 1.95 | 10.22 | 2.84* | 2.02 | .55 | 10.22 |
| 58 | 3.54 | 1.11 | 2.86 | 3.26 | 4.71 | 2.61 | 1.97 | 3.56 | 2.80 | .26 | .78 | .43 | 4.71 |
| 59 | 1.40 | 1.71 | 1.31 | .76 | 1.42 | 4.52 | 1.70 | 1.50 | 4.70 | 1.78 | .79 | .40 | 4.70 |
| 60 | 1.50 | 2.31 | 3.46 | 4.62 | 2.40 | .45 | 1.60 | 2.80 | 1.74 | 1.10 | .01 | 1.16 | 4.62 |
| 61 | 1.83 | 2.96 | 2.17 | 3.71 | 4.25 | 5.17 | .86 | 2.60 | 2.95 | 1.20 | 3.91 | 2.00 | 5.17 |
| 62 | 1.26 | .38 | 1.04 | .78 | .25 | 2.05 | 2.23 | 1.51 | 1.32 | 2.08 | 1.35 | 1.76 | 2.23 |
| 63 | 3.34 | 1.63 | 1.30 | .75 | 1.30 | 2.47 | 1.84 | 2.22 | 1.15 | .13 | 1.18 | 1.37 | 3.34 |
| 64 | 1.97 | 1.04 | 1.60 | 6.97 | 1.10 | .77 | 1.58 | 2.03 | 3.12 | .92 | 1.46 | 1.35 | 6.97 |
| 65 | 6.49 | 1.65 | 3.59 | .14 | 5.74 | 2.61 | .48 | 2.91* | 1.85 | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | 2.04* | .00 | | 1.83* | 2.83 | |
| 69 | * 1.29 | .84 | 2.84 | 1.27 | .95 | .28 | 3.11* | .71 | .19 | .81 | 1.47* | 1.14 | 3.11 |
| 70 | * .92 | 2.46 | 1.99 | .60 | 1.56 | 5.41 | 6.50 | 3.29 | .77 | 2.99 | .64* | 1.99 | 6.50 |
| 71 | * 1.29 | 2.09* | 1.34 | .95 | 1.67 | 3.12 | 1.40 | 3.39 | 2.43 | .03 | 1.06* | 1.79 | 3.39 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74
STATION STATION NAME

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE: * (BASED ON 6 FULL MONTHS)

USAF ETAC FORM 0-90-0 (OLA)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/BILUXI 42-74
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR. | MAY | JUN | JUL | AUG | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|--------|-------|--------|-------|--------|-------|--------|--------|-------|-------|-------|------|---------------|
| 42 | | | | | * 6.75 | 8.24 | 4.91 | 7.85 | 4.29 | 2.27 | .74 | 2.69 | |
| 43 | 2.83 | 2.12 | 5.36 | 1.35 | 3.53 | 2.96 | 1.73 | 4.01 | 9.55 | .63 | 5.09 | 5.38 | 44.54 |
| 44 | 4.97 | 2.61 | 7.56 | 11.48 | 1.42 | 3.26 | 9.14 | 8.22 | 8.13 | .06 | 7.94 | 2.93 | 67.72 |
| 45 | 4.57 | 4.56 | 4.28 | 6.79 | 2.34 | 4.59 | 25.15 | 1.66 | 7.34 | 1.55 | 1.27 | 6.19 | 70.29 |
| 46 | 5.03 | 3.31 | 17.13* | .00* | 2.65 | 8.73 | 10.44* | 1.85 | 6.76 | .46 | 2.38 | 2.65 | *61.39 |
| 47 | 8.90 | 1.82 | 14.65 | 7.44 | 4.53 | 4.10 | 1.65* | 4.86 | 7.28 | 3.23 | 11.09 | 7.77 | *77.32 |
| 48 | * 5.38 | 1.79 | 16.43 | 3.54 | 6.37 | 6.46 | 8.83* | 5.35 | 14.31 | .35 | 10.92 | 5.92 | *85.65 |
| 49 | 1.44 | 5.68 | 5.33 | 5.76 | 7.67 | 7.04 | 12.39* | 2.91 | 9.59 | 3.68 | TRACE | 4.95 | *66.44 |
| 50 | .92 | 2.32 | 5.55 | 3.38 | 2.73 | 3.04 | 7.45 | 7.36 | 3.65 | 1.37 | .52 | 6.07 | 44.36 |
| 51 | 2.38 | 1.25 | 9.64 | 6.15 | 1.50 | 6.05 | 5.95 | 4.51 | 14.89 | 3.80 | 2.43 | 2.81 | 61.36 |
| 52 | 2.60 | 6.46 | 6.18 | 3.23 | 5.51 | 1.19 | 4.95 | 2.92 | 6.00 | .00 | 1.66 | 8.17 | 48.87 |
| 53 | 2.18 | 5.82 | 5.92 | 6.10 | .95 | 9.70 | 3.52 | 6.83 | .50 | .30 | 6.54 | 8.82 | 57.18 |
| 54 | 2.04 | 1.24 | 3.37 | .48 | 2.20 | 3.07 | 8.86 | .34 | 5.99 | 1.57 | 3.07 | 5.52 | 37.75 |
| 55 | 4.65 | 4.33 | .19 | 10.07 | 5.46 | 4.43 | 5.66 | 9.08 | 1.01 | 3.23 | 2.00 | 5.13 | 55.24 |
| 56 | 3.98 | 3.96 | 5.76 | 3.20 | .49 | 6.78 | 5.53 | 2.08 | 13.68 | 1.02 | 1.08 | 4.97 | 52.53 |
| 57 | 1.18 | 2.69 | 9.70 | 4.08 | 2.99 | 5.68 | 5.03 | 6.91 | 18.67 | 4.76* | 4.29 | 2.20 | *68.18 |
| 58 | 5.36 | 4.09 | 10.79 | 5.80 | 12.25 | 14.21 | 6.69 | 12.25 | 9.75 | 1.05 | .95 | 1.29 | 84.48 |
| 59 | 2.76 | 6.88 | 3.46 | 2.16 | 3.88 | 8.22 | 7.32 | 4.01 | 11.55 | 9.39 | 1.20 | 1.48 | 62.31 |
| 60 | 7.04 | 5.48 | 5.63 | 7.67 | 3.53 | .87 | 5.09 | 11.34 | 5.68 | 3.75 | .01 | 3.88 | 59.97 |
| 61 | 5.91 | 5.82 | 6.29 | 7.23 | 8.24 | 11.75 | 3.42 | 9.56 | 7.97 | 2.71 | 8.18 | 6.52 | 83.60 |
| 62 | 4.11 | 2.12 | 3.39 | .91 | .26 | 5.47 | 4.61 | 3.74 | 4.42 | 3.83 | 2.11 | 3.52 | 38.49 |
| 63 | 6.85 | 4.47 | 1.58 | .80 | 3.86 | 8.89 | 6.69 | 5.10 | 3.47 | .27 | 3.34 | 7.47 | 52.99 |
| 64 | 9.16 | 4.46 | 3.89 | 12.21 | 2.03 | 2.42 | 5.27 | 8.37 | 6.74 | 2.30 | 3.92 | 3.53 | 64.30 |
| 65 | 9.16 | 4.27 | 9.34 | .30 | 7.72 | 8.43 | 3.34 | 12.37* | 5.11 | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | 5.91* | .00 | | 4.32* | 7.86 | |
| 69 | * 3.59 | 2.83 | 7.66 | 5.07 | 2.68 | .60 | 10.20* | 1.00 | .59 | 1.64 | 2.33* | 4.68 | *42.67 |
| 70 | * 3.44 | 5.82 | 5.89 | 1.96 | 3.96 | 12.43 | 12.26 | 11.76 | 3.12 | 10.62 | 1.18* | 5.11 | *77.55 |
| 71 | * 1.99 | 6.26* | 3.46 | .96 | 3.20 | 4.41 | 8.22 | 8.53 | 6.54 | .05 | 1.84* | 8.24 | *53.70 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

XXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74
STATION STATION NAME

[illegible]

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13820 K. ESLEY AFB MISSISSIPPI/BILOXI 49-74

STATION

STATION NAME

YEARS

| PRECIP. | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|--------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | 01 | .02-.05 | 06-10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 99.0 | 1.0 | | | | | | | | | | | | | 708 | TRACE | TRACE | .0 |
| FEB | 99.1 | .6 | | .1 | .1 | | | | | | | | | .3 | 705 | .1 | 3.0 | .0 |
| MAR | 99.7 | .1 | | .1 | | | | | | | | | | .1 | 773 | TRACE | 1.0 | .0 |
| APR | 100.0 | | | | | | | | | | | | | | 730 | .0 | .0 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 757 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 750 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 774 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 777 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 779 | .0 | .0 | .0 |
| OCT | 100.0 | | | | | | | | | | | | | | 772 | .0 | .0 | .0 |
| NOV | 100.0 | | | | | | | | | | | | | | 748 | .0 | .0 | .0 |
| DEC | 99.3 | .5 | | | | | | | .1 | | | | | .1 | 765 | .3 | 8.0 | .0 |
| ANNUAL | 99.8 | .2 | | .0 | .0 | | | | .0 | | | | | .0 | 9098 | .4 | | |

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES SNOWFALL

(FROM DAILY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI 46-74

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB | MAR. | APR. | MAY | JUN. | JUL. | AUG | SEP. | OCT. | NOV | DEC. | ALL MONTHS |
|---------------|---------|-------|------|------|------|------|------|------|------|------|------|-------|---------------|
| 46 | .0 | .0 | .0* | .0* | .0 | .0 | .0* | .0 | .0 | .0 | .0 | .0 | .0 |
| 47 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 48 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 50 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 51 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 52 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 53 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 54 | .0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 |
| 55 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 56 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 58 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 60 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 61 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 63 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 8.0 |
| 64 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 65 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | | | | | | | | .0 | .0 | .0 | .0* | .0 | |
| 70 | * .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .0 |
| 71 | * .0 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .0 |
| 72 | * .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .0 |
| 73 | *TRACE* | 2.0* | .0 | .0 | .0 | .0* | .0* | .0* | .0* | .0* | .0* | TRACE | * 2.0 |
| 74 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .0 |
| MEAN | TRACE | .08 | .04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .32 | .25 |
| S. D. | .000 | .400 | .200 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.600 | 1.882 |
| TOTAL OBS. | 768 | 705 | 773 | 730 | 757 | 750 | 774 | 777 | 779 | 772 | 748 | 765 | 9098 |

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/BILOXI 46-74
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| MONTH YEAR | JAN. | FEB | MAR. | APR | MAY | JUN | JUL | AUG. | SEP. | OCT | NOV. | DEC. | ALL MONTHS |
|---------------|---------|-------|------|------|------|------|------|------|------|------|------|-------|---------------|
| 46 | .0 | .0 | .0* | .0* | .0 | .0 | .0* | .0 | .0 | .0 | .0 | .0 | * .00 |
| 47 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | *TRACE |
| 48 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | * .00 |
| 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | * .00 |
| 50 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| 51 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| 52 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| 53 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| 54 | .0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 |
| 55 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 56 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | * .00 |
| 58 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| 60 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 61 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 63 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 8.0 |
| 64 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 65 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | | | | | | | | .0 | .0 | .0 | .0* | .0 | |
| 70 | * .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .00 |
| 71 | * .0 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .00 |
| 72 | * .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .00 |
| 73 | *TRACE* | 3.0* | .0 | .0 | .0 | .0 | .0* | .0* | .0* | .0* | .0* | TRACE | * 3.0 |
| 74 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .00 |
| MEAN | TRACE | .12 | .04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .32 | .50 |
| S. D. | .000 | .600 | .200 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.600 | 1.719 |
| TOTAL OBS. | 768 | 705 | 773 | 730 | 757 | 750 | 774 | 777 | 779 | 772 | 748 | 765 | 9098 |

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13820 KEESELER AFB MISSISSIPPI/BILOXI 42-74

STATION

STATION NAME

YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|--------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 99.6 | .2 | .1 | | .1 | | | | | | | | | .2 | 984 | | | |
| FEB | 99.7 | .1 | | .1 | .1 | | | | | | | | | .2 | 903 | | | |
| MAR | 99.6 | .2 | | | | | | | | | | | | | 990 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 940 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 997 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 990 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 1022 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 994 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 961 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 989 | | | |
| NOV | 100.0 | | | | | | | | | | | | | | 988 | | | |
| DEC | 99.9 | .1 | | | | | | | | | | | | | 1012 | | | |
| ANNUAL | 99.9 | .0 | .0 | .0 | .0 | | | | | | | | | .0 | 11770 | | | |

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

DAILY SNOW DEPTH IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR. | MAY | JUN | JUL | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|------|-----|-----|-----|------|------|------|------|------|---------------|
| 42 | | | | | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0* | 0* | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 0 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0* | 0 | 0 |
| 69 | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | * |
| 70 | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | * |
| 71 | * | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | * |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON < FULL MONTHS)

2

(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NOTE * (BASED ON < FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data is recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13820 KEESELER AFB MISSISSIPPI/BILOXI 42-74

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH YEAR | JAN | FEB | MAR. | APR. | MAY | JUN. | JUL. | AUG | SEP | OCT | NOV | DEC. | ALL MONTHS |
|---------------|---|-----|------|------|-----|------|------|-----|-----|-----|-----|------|---------------|
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | SE *35NNW*34SE *40 | | | | | | | | | | | | |
| 47 | SE *30SW 54NW 41NW 42N 59E 31NE *25SE 32NNE*40NW 31NNW 34W 30 N 59 | | | | | | | | | | | | |
| 48 | SSW*36NW *29N *30NNW*61ENE 33SW *43 | | | | | | | | | | | | |
| 49 | SW *36N *34SSE*40NNW 32NNW 35N 41ESE 34NW 60SSE 41NNW 39NNW 32NNE 31 NW 60 | | | | | | | | | | | | |
| 50 | S 27S 46WSW 45NNE 36WNW 36W 31WSW 35NE 40SSW 35E 32N 44NNE 36 S 46 | | | | | | | | | | | | |
| 51 | NE 36N 36NNE 34NNW 38WNW 34NNW 56ESE 40SSE 38SSE 34WNW 26NW 36N 38 NNW 56 | | | | | | | | | | | | |
| 52 | NW 41NNW 37S 39NW 42SW 38SE 40NE 41N 36SE 30N 29NNW 27WNW 36 NW 42 | | | | | | | | | | | | |
| 53 | NW 37NE 47N 33N 39SSE 38E 32SSW 30SW 30NNW 36WNW 30SSE 47WNW 38 SSE 47 | | | | | | | | | | | | |
| 54 | WNW 38NW 38NNW 36SSW 47N 34E 38ESE 43ESE 30W 32NNE 43WNW 40NNW 44 SSW 47 | | | | | | | | | | | | |
| 55 | SSW 43NNW 43SSW 42SSW 47WSW 41SSW 55N 37W 44E 24WSW 37N 31WNW 37 SSW 55 | | | | | | | | | | | | |
| 56 | NNW 30NW 40N 39W 43W 37E 43W 43NE 29NNE 57NW 23NNW 29W 38 NNE 57 | | | | | | | | | | | | |
| 57 | ESE 25SSE 35S 28S 36ESE 26S 35S 27NW 40S 48NW 37SW 37N 28 S 48 | | | | | | | | | | | | |
| 58 | E 32W 40S 28N 38SSE 32SW 26SSW 27W 31SE 28NE 21N 29NNE 24 W 40 | | | | | | | | | | | | |
| 59 | NW 34ESE 26SSE 30N 29SSE 30ESE 30ESE 23SSW 29SSE 28WNW 29NNW 31N 29 NW 34 | | | | | | | | | | | | |
| 60 | SW 32SE 36ENE 26S 47E 33NNW 32E 32SW 31NE *49SSE 25N 24SE 31 NE *49 | | | | | | | | | | | | |
| 61 | NW 32E 40SSE 50W 33N 40SSW 33NNW 38W 36S *33ESE*28WSW*32NNW*31 SSE 50 | | | | | | | | | | | | |
| 63 | N 39N 39N 33S 26ESE 24W *27N 34NNW*22ESE 25N *23ENE 37WNW*33 N 39 | | | | | | | | | | | | |
| 64 | ESE 39NNW*30S *42SSW*33SW 28WSW 22SSW*29SW 26NNW 30N *51N *31N *31 N *51 | | | | | | | | | | | | |
| 65 | SW *31WSW 41WSW*32WSW*33N 22NNE*31WSW*36SW *26SSE*21 N 28NE 28 | | | | | | | | | | | | |
| 66 | NNW 35S *49W *37ESE 39NNE 27SW 25SE 27S 40ENE 22SW 26NNW 32NNW 33 S *49 | | | | | | | | | | | | |
| 67 | W *32N 29NW 30SSE 27SW 35SE 22WSW 38N 45NNW 24S 42N 27S 37 N 45 | | | | | | | | | | | | |
| 68 | NW 32NNW 34WSW 30N 27SW 27N 3129/ 37 7/ 3618* 16 34* 3429* 39 | | | | | | | | | | | | |
| 69 | 36/ 28 8/ 4021/ 4814* 3933/ 42 4/ 41 1* 4022* 2436/ 2436/ 2935/ 3530/ 45 21/ 48 | | | | | | | | | | | | |
| 70 | 20/ 3824/ 42 9/ 3128/ 40 2/ 3032/ 2632/ 3934/ 3012/ 3522/ 3636/ 3721/ 42 24/ 42 | | | | | | | | | | | | |
| 71 | 35/ 3533/ 4133/ 3835/ 3533/ 4221/ 3436/ 4332/ 2818/ 4136/ 23 1/ 2815/ 33 36/ 43 | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTES * (BASED ON < FULL MONTHS)

\$ (BASED ON < FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-74
STATION STATION NAME

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|
| 72 | 36/ 33 | 32/ 33 | 19/ 37 | 21/ 25 | 22/ 30 | 36/ 31 | 28/ 32 | 6/ 28 | 35/ 21 | 22/ 27 | 19/ 29 | 33/ 31 | 19/ 37 |
| 73 | 20/ 31 | 15/ 30 | 15* 39 | 13/ 41 | 19/ 25 | 30/ 26 | 14/ 23 | 24/ 29 | 19/ 32 | 18* 26 | 32/ 28 | 33/ 46 | 33/ 46 |
| 74 | 22/ 29 | 25/ 34 | 33/ 24 | 36/ 38 | 30/ 41 | 14/ 26 | 27/ 25 | 36/ 30 | 3/ 26 | 25/ 24 | 30/ 28 | 10/ 25 | 30/ 41 |
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| | | | | | | | | | | | | | |
| MEAN | 33.9 | 37.4 | 35.7 | 36.9 | 33.7 | 33.3 | 33.9 | 33.3 | 31.6 | 30.5 | 32.3 | 34.3 | 46.8 |
| S. D. | 4.232 | 6.237 | 6.459 | 7.911 | 7.717 | 8.792 | 6.385 | 7.947 | 9.784 | 7.462 | 5.391 | 5.790 | 6.960 |
| TOTAL OBS. | 815 | 772 | 831 | 805 | 850 | 802 | 790 | 794 | 713 | 728 | 778 | 782 | 9460 |

NOTES * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-22-5 (OLA)

\$ (BASED ON < FULL MONTHS AND +100 KNOTS)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/RAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-74 YEARS ALL MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.8 | 3.4 | 1.5 | .3 | .0 | .0 | | | | | 9.7 | 7.4 |
| NNE | 1.4 | 2.4 | 2.9 | 1.0 | .2 | .0 | .0 | .0 | | | | 7.8 | 7.2 |
| NE | 1.2 | 2.2 | 2.2 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | | 6.1 | 6.4 |
| ENE | .7 | 1.5 | 1.7 | .4 | .0 | .0 | .0 | .0 | | .0 | | 4.4 | 6.6 |
| E | .7 | 1.4 | 1.6 | .5 | .0 | .0 | .0 | .0 | | | .0 | 4.2 | 6.9 |
| ESE | .4 | 1.0 | 2.0 | 1.1 | .1 | .0 | .0 | | | | .0 | 4.7 | 8.7 |
| SE | .4 | 1.3 | 2.6 | 1.1 | .1 | .0 | .0 | .0 | | | | 5.5 | 8.4 |
| SSE | .6 | 1.9 | 3.8 | 1.3 | .1 | .0 | .0 | | | | .0 | 7.8 | 8.2 |
| S | .8 | 2.8 | 4.7 | 1.3 | .1 | .0 | .0 | .0 | .0 | | | 9.7 | 7.7 |
| SSW | .5 | 1.7 | 3.5 | 1.3 | .1 | .0 | .0 | | .0 | | | 7.0 | 8.3 |
| SW | .4 | 1.1 | 2.1 | .8 | .1 | .0 | | | | | | 4.4 | 8.0 |
| WSW | .3 | .8 | 1.0 | .4 | .0 | .0 | | | | | | 2.6 | 7.6 |
| W | .6 | 1.1 | 1.0 | .2 | .0 | .0 | | | | | | 2.9 | 6.3 |
| WNW | .5 | .9 | 1.0 | .3 | .1 | .0 | .0 | | | | | 2.8 | 7.2 |
| NW | .7 | 1.1 | 1.0 | .4 | .1 | .0 | .0 | | .0 | | | 3.3 | 7.0 |
| NNW | .7 | 1.2 | 1.5 | .8 | .2 | .0 | .0 | .0 | | | | 4.4 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 11.6 | 25.1 | 35.9 | 12.8 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 267386

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-74 YEARS JAN MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.6 | 5.3 | 3.6 | .6 | .1 | .0 | | | | | 13.4 | 9.3 |
| NNE | .8 | 2.2 | 3.3 | 1.9 | .4 | .1 | | | | | | 8.7 | 8.7 |
| NE | .7 | 1.7 | 2.5 | .8 | .1 | .0 | | | | | | 5.9 | 7.7 |
| ENE | .8 | 1.6 | 1.8 | .4 | .0 | | | | | | | 4.6 | 6.6 |
| E | .8 | 1.5 | 2.4 | .7 | .0 | | | | | | | 5.5 | 7.3 |
| ESE | .5 | 1.2 | 2.8 | 1.6 | .1 | | | | | | | 6.3 | 8.7 |
| SE | .4 | 1.3 | 2.5 | 1.4 | .2 | | | | | | | 5.7 | 8.7 |
| SSE | .6 | 1.7 | 2.7 | 1.1 | .1 | .0 | | | | | | 6.2 | 8.1 |
| S | .8 | 2.3 | 3.4 | 1.2 | .1 | .0 | | | | | | 7.9 | 7.7 |
| SSW | .4 | 1.5 | 2.4 | .9 | .1 | .0 | | | | | | 5.3 | 8.0 |
| SW | .3 | 1.0 | 1.4 | .3 | .1 | | | | | | | 3.1 | 7.3 |
| WSW | .2 | .5 | .9 | .3 | .1 | .0 | | | | | | 2.0 | 8.5 |
| W | .4 | .7 | .8 | .2 | .0 | | | | | | | 2.1 | 6.9 |
| WNW | .3 | .6 | .9 | .5 | .2 | .0 | .0 | | | | | 2.4 | 8.8 |
| NW | .5 | 1.0 | 1.2 | .8 | .2 | .0 | | | | | | 3.7 | 8.6 |
| NNW | .5 | 1.1 | 2.1 | 1.3 | .3 | .1 | .0 | | | | | 5.4 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.9 | |
| | 9.1 | 22.6 | 36.3 | 17.1 | 2.6 | .4 | .0 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 22703

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820

KEESLER AFB MISSISSIPPI/BILUXI

43-74

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N | .9 | 2.6 | 4.5 | 2.4 | .5 | .1 | | | | | | 10.9 | 8.8 |
| NNE | .8 | 2.0 | 3.9 | 1.4 | .2 | .1 | | | | | | 8.4 | 8.3 |
| NE | .8 | 1.8 | 2.4 | .5 | .0 | .0 | | | | | | 5.5 | 7.0 |
| ENE | .5 | 1.5 | 1.9 | .4 | .0 | .0 | | | | | | 4.3 | 7.0 |
| E | .7 | 1.4 | 1.9 | .6 | .1 | .0 | | | | | | 4.6 | 7.3 |
| ESE | .4 | .9 | 2.1 | 1.8 | .2 | .0 | | | | | | 5.4 | 9.5 |
| SE | .3 | 1.1 | 2.5 | 1.2 | .1 | .0 | | | | | | 5.3 | 8.7 |
| SSE | .4 | 1.8 | 3.7 | 1.2 | .2 | .0 | | | | | | 7.4 | 8.4 |
| S | .8 | 2.6 | 4.6 | 1.2 | .1 | .0 | .0 | | | | | 9.4 | 7.8 |
| SSW | .5 | 1.8 | 3.0 | 1.1 | .1 | .0 | .0 | | | | | 6.5 | 8.1 |
| SW | .4 | 1.0 | 1.7 | .9 | .1 | .0 | | | | | | 4.1 | 8.4 |
| WSW | .2 | .7 | 1.0 | .5 | .0 | .0 | | | | | | 2.5 | 8.1 |
| W | .4 | .8 | 1.0 | .3 | .0 | .0 | | | | | | 2.6 | 7.2 |
| WNW | .3 | .7 | 1.1 | .6 | .1 | .0 | .0 | | | | | 2.9 | 8.6 |
| NW | .4 | .9 | 1.4 | .9 | .2 | .0 | | | | | | 3.8 | 8.9 |
| NNW | .4 | 1.3 | 1.8 | 1.5 | .5 | .1 | .0 | | | | | 5.5 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.9 | |
| | 8.2 | 22.9 | 38.4 | 16.5 | 2.6 | .4 | .0 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS

20539

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 2.2 | 3.9 | 1.8 | .3 | .0 | .0 | | | | | 9.2 | 8.4 |
| NNE | .7 | 1.9 | 3.4 | 1.3 | .2 | .0 | | | | | | 7.5 | 8.1 |
| NE | .7 | 1.5 | 1.8 | .4 | .0 | | .0 | | | | | 4.5 | 6.8 |
| ENE | .6 | 1.1 | 1.6 | .3 | .0 | | | | | | | 3.6 | 6.9 |
| E | .5 | 1.2 | 1.7 | .7 | .1 | .0 | | | | | | 4.2 | 7.8 |
| ESE | .4 | 1.2 | 3.3 | 1.8 | .2 | .0 | | | | | | 6.9 | 9.2 |
| SE | .4 | 1.4 | 4.0 | 1.9 | .1 | .0 | | | | | | 7.9 | 9.0 |
| SSE | .5 | 2.1 | 5.1 | 2.0 | .3 | .1 | | | | | | 10.1 | 8.8 |
| S | .6 | 2.6 | 4.8 | 1.7 | .2 | .0 | .0 | | | | | 9.9 | 8.3 |
| SSW | .3 | 1.2 | 3.2 | 1.5 | .2 | .0 | .0 | | | | | 6.6 | 9.2 |
| SW | .3 | .8 | 1.7 | .9 | .1 | .0 | | | | | | 3.8 | 8.7 |
| WSW | .1 | .6 | 1.0 | .5 | .1 | .0 | | | | | | 2.3 | 8.8 |
| W | .3 | .6 | .8 | .4 | .1 | .0 | | | | | | 2.3 | 7.7 |
| WNW | .2 | .7 | 1.1 | .8 | .2 | .0 | | | | | | 2.9 | 9.1 |
| NW | .4 | .8 | 1.4 | .9 | .2 | .0 | | | | | | 3.7 | 8.6 |
| NNW | .5 | 1.1 | 1.8 | 1.3 | .5 | .2 | .0 | | | | | 5.3 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 7.5 | 21.2 | 40.6 | 18.1 | 2.6 | .5 | .0 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 21887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI 43-74 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 1.8 | 2.8 | 1.1 | .2 | .0 | | | | | | 6.8 | 7.8 |
| NNE | .9 | 1.6 | 2.4 | .7 | .1 | .1 | .0 | | | | | 5.8 | 7.5 |
| NE | .8 | 1.2 | 1.3 | .2 | .0 | | | | | | | 3.5 | 6.3 |
| ENE | .6 | 1.2 | 1.2 | .1 | .0 | | | | | | | 3.1 | 6.1 |
| E | .5 | 1.0 | 1.2 | .4 | .0 | | | | | | | 3.0 | 7.0 |
| ESE | .3 | 1.1 | 3.2 | 2.4 | .2 | .0 | .0 | | | | | 7.2 | 9.6 |
| SE | .4 | 1.8 | 4.6 | 2.6 | .2 | .0 | .0 | | | | | 9.6 | 9.2 |
| SSE | .7 | 2.4 | 6.5 | 2.6 | .2 | .1 | .0 | | | | | 12.4 | 8.8 |
| S | .6 | 2.8 | 7.3 | 2.6 | .1 | .0 | | | | | | 13.5 | 8.6 |
| SSW | .4 | 1.6 | 4.2 | 2.5 | .2 | .0 | .0 | | | | | 8.9 | 9.2 |
| SW | .2 | .8 | 2.1 | 1.2 | .1 | .0 | | | | | | 4.4 | 9.1 |
| WSW | .2 | .6 | 1.2 | .5 | .1 | .0 | | | | | | 2.5 | 8.5 |
| W | .3 | .7 | .9 | .3 | .0 | | | | | | | 2.2 | 7.3 |
| WNW | .3 | .6 | 1.0 | .5 | .1 | | | | | | | 2.5 | 8.2 |
| NW | .5 | .8 | .9 | .5 | .0 | .0 | | | | | | 2.6 | 7.5 |
| NNW | .4 | 1.0 | 1.7 | .8 | .1 | .0 | | | | | | 4.1 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.9 | |
| | 7.9 | 20.7 | 42.5 | 18.9 | 1.6 | .4 | .0 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 21174

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.3 | 2.1 | .6 | .1 | | | | | | | 6.2 | 6.5 |
| NNE | 1.1 | 1.7 | 1.9 | .3 | .0 | | | | | | | 5.0 | 6.2 |
| NE | 1.1 | 1.7 | 1.2 | .2 | .0 | | | | | | | 4.1 | 5.6 |
| ENE | .5 | .9 | .9 | .1 | | | | | | | | 2.4 | 5.9 |
| E | .4 | .8 | .9 | .3 | .0 | | | | | | | 2.3 | 6.8 |
| ESE | .2 | .7 | 2.0 | 1.2 | .1 | | | | | | | 4.2 | 9.3 |
| SE | .4 | 1.2 | 3.4 | 1.9 | .1 | .0 | | | | | | 7.0 | 9.1 |
| SSE | .7 | 2.7 | 6.5 | 3.1 | .2 | .1 | | | | | | 13.2 | 8.8 |
| S | .7 | 3.1 | 7.5 | 2.4 | .3 | .0 | .0 | | | | | 14.1 | 8.5 |
| SSW | .4 | 1.9 | 5.6 | 2.1 | .1 | .0 | .0 | | | | | 10.1 | 8.8 |
| SW | .4 | 1.3 | 3.0 | 1.0 | .0 | .0 | | | | | | 5.8 | 8.1 |
| WSW | .4 | 1.0 | 1.3 | .4 | .0 | .0 | | | | | | 3.1 | 7.3 |
| W | .7 | 1.0 | .9 | .2 | .0 | | | | | | | 2.8 | 6.0 |
| WNW | .5 | .9 | .9 | .2 | .0 | .0 | | | | | | 2.5 | 6.5 |
| NW | .5 | 1.0 | .8 | .1 | .0 | | | | | | | 2.4 | 6.0 |
| NNW | .7 | 1.2 | 1.3 | .4 | .0 | .0 | | | | | | 3.7 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.9 | |
| | 10.0 | 23.4 | 39.9 | 14.5 | 1.1 | .1 | .0 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 22434

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILOXI

42-74

JUN

STATION

STATION AVE

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.2 | 1.6 | .2 | .0 | | | | | | | 5.7 | 5.4 |
| NNE | 1.3 | 1.8 | 1.3 | .2 | .0 | .0 | | | | | | 4.7 | 5.6 |
| NE | 1.0 | 1.8 | 1.0 | .1 | .0 | | | | | | | 3.8 | 5.2 |
| ENE | .7 | 1.4 | .8 | .1 | .0 | .0 | | | | | | 3.0 | 5.7 |
| E | .5 | .9 | .7 | .2 | .0 | | | | | | | 2.3 | 5.9 |
| ESE | .3 | .6 | 1.0 | .5 | .0 | .0 | .0 | | | | | 2.5 | 8.2 |
| SE | .3 | .9 | 2.0 | .7 | .0 | .0 | | | | | | 4.0 | 8.2 |
| SSE | .7 | 2.3 | 5.3 | 1.5 | .2 | .0 | | | | | | 10.0 | 8.2 |
| S | 1.0 | 3.8 | 7.5 | 1.6 | .1 | .0 | | | | | | 13.9 | 7.7 |
| SSW | .6 | 2.5 | 6.1 | 2.1 | .2 | .0 | | | | | | 11.5 | 8.4 |
| SW | .7 | 1.8 | 3.6 | 1.4 | .1 | .0 | | | | | | 7.5 | 8.1 |
| WSW | .6 | 1.3 | 1.8 | .5 | .0 | .0 | | | | | | 4.2 | 7.2 |
| W | 1.0 | 1.7 | 1.2 | .2 | .0 | | | | | | | 4.2 | 5.8 |
| WNW | .9 | 1.3 | 1.2 | .2 | .0 | .0 | | | | | | 3.6 | 6.0 |
| NW | 1.0 | 1.0 | .7 | .1 | | | .0 | | | | | 2.8 | 5.2 |
| NNW | .8 | 1.1 | .7 | .1 | .0 | | | | | | | 2.8 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 12.9 | 26.6 | 36.6 | 9.5 | .7 | .1 | .0 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 21876

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.4 | 1.0 | .1 | .0 | .0 | | | | | | 5.6 | 4.8 |
| NNE | 1.4 | 2.1 | 1.1 | .2 | .0 | | | | | | | 4.8 | 5.2 |
| NE | 1.3 | 1.7 | .8 | .0 | .0 | | | | | | | 3.9 | 4.9 |
| ENE | .8 | 1.3 | .7 | .1 | .0 | .0 | | | | | | 2.9 | 5.4 |
| E | .7 | 1.1 | .5 | .1 | | | | | | | | 2.4 | 5.3 |
| ESE | .4 | .7 | .9 | .4 | .0 | | | | | | | 2.3 | 7.4 |
| SE | .5 | 1.0 | 1.6 | .3 | .0 | .0 | | | | | | 3.3 | 7.1 |
| SSE | .6 | 1.8 | 3.4 | .6 | .0 | | | | | | | 6.4 | 7.4 |
| S | 1.0 | 3.8 | 5.5 | .8 | .0 | | | | | | | 11.2 | 7.1 |
| SSW | .7 | 2.5 | 5.3 | 1.4 | .1 | .0 | | | | | | 9.9 | 8.0 |
| SW | .6 | 1.9 | 3.6 | 1.2 | .1 | .0 | | | | | | 7.4 | 8.1 |
| WSW | .7 | 1.5 | 1.8 | .6 | .1 | .0 | | | | | | 4.7 | 7.2 |
| W | 1.3 | 2.7 | 1.9 | .3 | .0 | | | | | | | 6.2 | 5.8 |
| WNW | .9 | 1.8 | 1.5 | .2 | .0 | .0 | | | | | | 4.4 | 6.0 |
| NW | 1.2 | 1.9 | .8 | .1 | .0 | | | | | | | 4.0 | 5.0 |
| NNW | 1.2 | 1.3 | .7 | .1 | .0 | | | | | | | 3.2 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.3 | |
| | 15.2 | 29.3 | 31.3 | 6.4 | .5 | .0 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 23302

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SP ED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.1 | 3.1 | 1.5 | .2 | .0 | .0 | | | | | | 8.0 | 4.8 |
| NNE | 2.2 | 2.9 | 1.5 | .2 | .0 | .0 | .0 | | | | | 6.8 | 5.1 |
| NE | 1.7 | 2.7 | 1.7 | .1 | .0 | .0 | | | | | | 6.3 | 5.3 |
| ENE | .8 | 1.7 | 1.5 | .2 | .0 | .0 | | | | .0 | | 4.3 | 6.2 |
| E | .8 | 1.3 | 1.0 | .2 | .0 | | | .0 | | | .0 | 3.3 | 5.9 |
| ESE | .3 | .9 | 1.0 | .2 | .0 | | | | | | .0 | 2.5 | 7.0 |
| SE | .4 | 1.1 | 1.7 | .4 | .0 | .0 | | | | | | 3.7 | 7.4 |
| SSE | .5 | 1.9 | 2.8 | .6 | .1 | .0 | .0 | | | | .0 | 5.9 | 7.4 |
| S | 1.1 | 3.4 | 4.6 | .8 | .0 | .0 | | .0 | .0 | | | 10.1 | 7.0 |
| SSW | .6 | 2.1 | 4.4 | 1.1 | .1 | | .0 | | | | | 8.3 | 7.9 |
| SW | .5 | 1.3 | 2.8 | .9 | .0 | | | | | | | 5.5 | 7.7 |
| WSW | .5 | 1.2 | 1.3 | .3 | .0 | .0 | | | | | | 3.2 | 6.8 |
| W | 1.0 | 1.8 | 1.2 | .1 | .0 | | | | | | | 4.2 | 5.6 |
| WNW | .8 | 1.3 | 1.1 | .2 | .0 | | | | | | | 3.5 | 6.0 |
| NW | 1.0 | 1.3 | 1.0 | .1 | | | | | .0 | | | 3.4 | 5.4 |
| NNW | 1.2 | 1.3 | .9 | .1 | .0 | | | .0 | | | | 3.5 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.5 | |
| | 16.8 | 29.3 | 29.9 | 5.9 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS

23503

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILDXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 3.9 | 3.4 | 1.1 | .1 | .0 | | | | | | 10.6 | 6.4 |
| NNE | 1.6 | 3.6 | 4.4 | 1.4 | .1 | .0 | .0 | .0 | | | | 11.2 | 7.3 |
| NE | 1.7 | 4.2 | 4.2 | 1.0 | .1 | .0 | .0 | | .0 | .0 | | 11.3 | 6.9 |
| ENE | .9 | 2.4 | 3.2 | .9 | .1 | .0 | .0 | .0 | | | | 7.6 | 7.4 |
| E | .9 | 1.9 | 2.4 | .7 | .0 | .0 | .0 | | | | | 5.9 | 7.0 |
| ESE | .4 | 1.1 | 1.9 | .8 | .1 | .0 | .0 | | | | | 4.2 | 8.3 |
| SE | .5 | 1.4 | 2.4 | .9 | .1 | .0 | .0 | .0 | | | | 5.3 | 8.1 |
| SSE | .7 | 1.6 | 3.1 | 1.0 | .1 | .0 | .0 | | | | | 6.6 | 7.9 |
| S | .9 | 2.9 | 3.8 | .9 | .1 | .0 | .0 | | | | | 3.5 | 7.3 |
| SSW | .4 | 1.3 | 2.3 | .7 | .0 | .0 | .0 | | .0 | | | 4.7 | 8.0 |
| SW | .4 | .8 | 1.1 | .4 | .0 | | | | | | | 2.7 | 7.2 |
| WSW | .2 | .4 | .6 | .2 | .1 | .0 | | | | | | 1.4 | 8.0 |
| W | .4 | .6 | .4 | .1 | .0 | .0 | | | | | | 1.4 | 5.6 |
| WNW | .3 | .4 | .4 | .0 | .0 | | | | | | | 1.2 | 5.9 |
| NW | .6 | .8 | .6 | .1 | .0 | .0 | | | | | | 2.1 | 5.7 |
| NNW | .6 | 1.1 | .9 | .3 | .0 | .0 | .0 | | | | | 3.0 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.2 | |
| | 12.5 | 28.4 | 35.0 | 10.5 | 1.0 | .3 | .1 | .0 | .0 | .0 | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 22151

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820

KEESLER AFB MISSISSIPPI/BILDXI

42-67,69-74

0CT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLAS

ALL

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 4.4 | 4.9 | 1.8 | .2 | .0 | .0 | | | | | 13.7 | 7.1 |
| NNE | 1.9 | 4.1 | 4.2 | 1.1 | .1 | .1 | .0 | | | | | 11.5 | 6.8 |
| NE | 1.6 | 3.8 | 3.9 | .6 | .1 | | | | | | | 9.9 | 6.4 |
| ENE | .9 | 2.0 | 2.6 | .7 | .0 | .0 | | | | | | 6.2 | 7.1 |
| E | .8 | 1.7 | 2.3 | .8 | .1 | | | | | | | 5.7 | 7.3 |
| ESE | .4 | .9 | 1.8 | 1.0 | .1 | .0 | | | | | | 4.2 | 8.5 |
| SE | .4 | 1.2 | 1.9 | .7 | .0 | .0 | | | | | | 4.3 | 7.7 |
| SSE | .6 | 1.5 | 2.4 | .9 | .1 | .0 | | | | | | 5.5 | 7.7 |
| S | .9 | 2.3 | 2.4 | .5 | .0 | .0 | .0 | | | | | 6.1 | 6.8 |
| SSW | .4 | 1.2 | 1.6 | .5 | .0 | .0 | | | | | | 3.7 | 7.3 |
| SW | .3 | .8 | 1.0 | .3 | .0 | | | | | | | 2.3 | 7.2 |
| WSW | .2 | .3 | .4 | .2 | .0 | | | | | | | 1.1 | 6.9 |
| W | .3 | .6 | .5 | .2 | .0 | | | | | | | 1.6 | 6.5 |
| WNW | .4 | .5 | .8 | .2 | .0 | | | | | | | 1.8 | 7.2 |
| NW | .6 | 1.2 | 1.0 | .3 | .0 | | | | | | | 3.1 | 6.6 |
| NNW | .8 | 1.4 | 1.7 | .8 | .1 | .0 | | | | | | 4.8 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.3 | |
| | 12.9 | 27.8 | 33.4 | 10.4 | 1.0 | .2 | .0 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 22592

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 3.5 | 5.1 | 2.7 | .5 | .0 | | | | | | 14.0 | 7.9 |
| NNE | 1.9 | 2.8 | 3.5 | 1.5 | .2 | .0 | | | | | | 10.0 | 7.3 |
| NE | 1.4 | 2.5 | 2.6 | .5 | .1 | .0 | .0 | | | | | 7.2 | 6.6 |
| ENE | .8 | 1.8 | 2.1 | .4 | .0 | | | | | | | 5.1 | 6.6 |
| E | 1.0 | 1.7 | 2.0 | .5 | .0 | | | | | | | 5.1 | 6.6 |
| ESE | .5 | 1.3 | 2.1 | 1.0 | .0 | | | | | | | 5.0 | 7.9 |
| SE | .4 | 1.1 | 2.4 | 1.1 | .0 | | | | | | | 5.0 | 8.2 |
| SSE | .6 | 1.5 | 2.5 | .9 | .1 | .0 | | | | | | 5.7 | 7.8 |
| S | .6 | 2.1 | 2.5 | .7 | .1 | | | | | | | 6.0 | 7.3 |
| SSW | .4 | 1.3 | 1.8 | .6 | .1 | .0 | | | | | | 4.2 | 7.6 |
| SW | .3 | .8 | 1.2 | .5 | .0 | | | | | | | 2.9 | 7.9 |
| WSW | .2 | .5 | .7 | .3 | .0 | .0 | | | | | | 1.7 | 7.8 |
| W | .5 | .8 | .6 | .2 | .0 | .0 | | | | | | 2.2 | 6.2 |
| WNW | .4 | .7 | 1.1 | .4 | .0 | .0 | | | | | | 2.6 | 7.6 |
| NW | .8 | 1.1 | 1.5 | .8 | .1 | .0 | .0 | | | | | 4.3 | 7.7 |
| NNW | 1.0 | 1.2 | 2.3 | 1.4 | .4 | .0 | | | | | | 6.3 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 13.3 | 24.7 | 33.9 | 13.5 | 1.7 | .2 | .0 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 22616

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13020

KEESLER AFB MISSISSIPPI/BILOXI

42-74

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLARE

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 3.0 | 4.5 | 2.5 | .5 | .1 | .0 | | | | | 12.6 | 8.3 |
| NNE | 1.4 | 2.6 | 3.5 | 1.6 | .5 | .0 | | | | | | 9.6 | 8.0 |
| NE | 1.3 | 2.1 | 2.6 | .7 | .1 | .0 | | | | | | 6.8 | 6.8 |
| ENE | 1.0 | 1.5 | 2.1 | .6 | .0 | | | | | | | 5.2 | 6.9 |
| E | .8 | 1.8 | 2.4 | .8 | .0 | | | | | | | 5.9 | 7.2 |
| ESE | .5 | 1.3 | 2.6 | 1.3 | .1 | | | | | | | 5.7 | 8.5 |
| SE | .6 | 1.5 | 2.6 | .8 | .1 | | | | | | | 5.5 | 7.7 |
| SSE | .6 | 1.8 | 2.2 | .7 | .1 | | | | | | | 5.4 | 7.4 |
| S | 1.0 | 2.1 | 2.8 | .7 | .1 | .0 | | | | | | 6.6 | 7.1 |
| SSW | .5 | 1.2 | 1.9 | .7 | .0 | | | | | | | 4.4 | 7.6 |
| SW | .4 | .9 | 1.4 | .4 | .0 | .0 | | | | | | 3.0 | 7.2 |
| WSW | .2 | .6 | .7 | .3 | .1 | | | | | | | 1.9 | 7.6 |
| W | .6 | .7 | 1.0 | .3 | .1 | | | | | | | 2.6 | 7.0 |
| WNW | .4 | .7 | 1.0 | .4 | .1 | .0 | | | | | | 2.7 | 8.0 |
| NW | .5 | .9 | 1.3 | .7 | .2 | .0 | | | | | | 3.6 | 8.2 |
| NNW | .7 | 1.3 | 1.9 | 1.3 | .3 | .0 | .0 | | | | | 5.6 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.6 | |
| | 12.3 | 24.1 | 34.7 | 13.8 | 2.2 | .2 | .0 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

22609

SURFACE WINDS

JAN

MONTH

0000-0200

HOURS (L.S.T.)

CONDITION

| | |
|------------------------------|------|
| TOTAL NUMBER OF OBSERVATIONS | 2245 |
|------------------------------|------|

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820

KEESLER AFB MISSISSIPPI/BILOXI

43-66,69-74

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 2.4 | 4.8 | 3.8 | .7 | .1 | | | | | | 13.5 | 9.2 |
| NNE | 1.4 | 2.9 | 4.2 | 2.1 | .5 | .0 | | | | | | 11.1 | 8.3 |
| NE | 1.0 | 2.7 | 3.5 | .6 | .1 | .0 | | | | | | 7.9 | 7.1 |
| ENE | 1.0 | 2.2 | 2.3 | .4 | | | | | | | | 5.8 | 6.4 |
| E | .9 | 1.1 | 1.9 | .1 | | | | | | | | 4.1 | 6.3 |
| ESE | .7 | 1.0 | 1.5 | .8 | .1 | | | | | | | 4.2 | 7.9 |
| SE | .5 | .8 | 1.9 | 1.3 | .1 | | | | | | | 4.5 | 8.9 |
| SSE | .2 | .9 | 1.9 | .8 | | | | | | | | 3.8 | 8.5 |
| S | .4 | 1.2 | 2.6 | .9 | .2 | | | | | | | 5.3 | 8.4 |
| SSW | .3 | 1.4 | 1.3 | .4 | .1 | | | | | | | 3.4 | 7.4 |
| SW | .4 | .9 | .7 | .1 | | | | | | | | 2.1 | 6.0 |
| WSW | .0 | .4 | 1.2 | .4 | .0 | | | | | | | 2.0 | 8.7 |
| W | .4 | .9 | .8 | .3 | .1 | | | | | | | 2.4 | 6.7 |
| WNW | .3 | .7 | 1.2 | .7 | .2 | .0 | | | | | | 3.3 | 9.2 |
| NW | .6 | 1.4 | 1.3 | .8 | .3 | .0 | | | | | | 4.5 | 8.1 |
| NNW | .7 | 1.2 | 1.6 | .9 | .2 | .0 | .1 | | | | | 4.7 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.2 | |
| | 10.5 | 22.2 | 32.7 | 14.4 | 2.6 | .3 | .1 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

2468

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-74 YEARS JAN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 3.0 | 6.6 | 3.7 | .5 | .1 | | | | | | 15.5 | 8.8 |
| NNE | 1.5 | 3.4 | 4.0 | 2.2 | .4 | .1 | | | | | | 11.5 | 8.1 |
| NE | 1.2 | 3.2 | 3.9 | .8 | .2 | .1 | | | | | | 9.3 | 7.1 |
| ENE | .9 | 2.1 | 2.3 | .4 | .0 | | | | | | | 5.7 | 6.5 |
| E | 1.0 | 1.5 | 1.7 | .6 | .0 | | | | | | | 4.8 | 6.8 |
| ESE | .5 | .9 | 1.8 | .7 | .1 | | | | | | | 3.9 | 8.1 |
| SE | .2 | .5 | 1.3 | .9 | .1 | | | | | | | 3.0 | 9.3 |
| SSE | .6 | 1.3 | 2.0 | .9 | .1 | | | | | | | 4.9 | 8.1 |
| S | .8 | 1.4 | 2.1 | .8 | .1 | | | | | | | 5.0 | 7.6 |
| SSW | .1 | 1.1 | 1.2 | .4 | .1 | | | | | | | 3.0 | 7.8 |
| SW | .2 | .7 | .5 | .0 | | | | | | | | 1.4 | 6.1 |
| WSW | .2 | .5 | .6 | .2 | .1 | | | | | | | 1.5 | 8.1 |
| W | .6 | .8 | .8 | .2 | | | | | | | | 2.5 | 5.9 |
| WNW | .4 | .9 | .8 | .3 | .1 | | | | | | | 2.5 | 7.3 |
| NW | .8 | 1.3 | .9 | .8 | .2 | | | | | | | 4.0 | 7.8 |
| NNW | .4 | 1.3 | 1.8 | 1.2 | .2 | .1 | | | | | | 5.1 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.3 | |
| | 11.0 | 23.9 | 32.2 | 14.0 | 2.3 | .4 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 3057

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/DILUXI 43-74 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 2.3 | 5.7 | 4.1 | .9 | .1 | | | | | | 13.9 | 9.9 |
| NNE | .5 | 2.7 | 3.6 | 2.2 | .6 | .1 | | | | | | 9.6 | 9.2 |
| NE | .9 | 2.5 | 3.4 | .8 | .3 | .1 | | | | | | 7.9 | 7.6 |
| ENE | 1.0 | 2.9 | 3.3 | .5 | .1 | | | | | | | 7.8 | 6.6 |
| E | .8 | 1.7 | 2.8 | 1.0 | .0 | | | | | | | 6.3 | 7.6 |
| ESE | .3 | .9 | 2.9 | 2.3 | .0 | | | | | | | 6.4 | 9.4 |
| SE | .4 | 1.5 | 2.0 | 1.5 | .1 | | | | | | | 5.6 | 8.6 |
| SSE | .5 | 1.3 | 2.3 | 1.2 | .0 | | | | | | | 5.4 | 8.4 |
| S | .6 | 2.2 | 3.3 | 1.1 | .2 | .1 | | | | | | 7.4 | 8.1 |
| SSW | .2 | .8 | 2.4 | .8 | .1 | | | | | | | 4.3 | 8.5 |
| SW | .2 | .7 | 1.3 | .4 | .1 | | | | | | | 2.7 | 8.0 |
| WSW | .1 | .4 | .5 | .2 | .1 | .0 | | | | | | 1.3 | 8.6 |
| W | .2 | .5 | 1.1 | .1 | .0 | | | | | | | 1.8 | 7.8 |
| WNW | .1 | .6 | 1.1 | .6 | .2 | | | | | | | 2.6 | 9.6 |
| NW | .3 | .8 | 1.3 | .9 | .3 | .0 | | | | | | 3.7 | 9.4 |
| NNW | .4 | 1.2 | 2.3 | 1.5 | .6 | .0 | | | | | | 6.0 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.4 | |
| | 7.3 | 22.8 | 39.1 | 19.4 | 3.5 | .5 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 3061

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.5 | 5.2 | 3.6 | .6 | .1 | .0 | | | | | 13.1 | 9.4 |
| NNE | .3 | 1.2 | 2.5 | 1.9 | .4 | .2 | | | | | | 6.5 | 9.9 |
| NE | .2 | .6 | 1.8 | .9 | .2 | .1 | | | | | | 4.0 | 9.2 |
| ENE | .7 | .8 | 1.4 | .4 | | | | | | | | 3.3 | 6.9 |
| E | .4 | 1.3 | 2.2 | 1.0 | .0 | | | | | | | 5.0 | 8.1 |
| ESE | .3 | 1.2 | 3.1 | 2.8 | .1 | | | | | | | 7.5 | 9.9 |
| SE | .2 | 1.3 | 3.7 | 1.9 | .3 | | | | | | | 7.4 | 9.4 |
| SSE | .5 | 2.7 | 4.2 | 1.5 | .1 | | | | | | | 8.9 | 8.0 |
| S | 1.0 | 3.6 | 5.9 | 1.8 | .1 | | | | | | | 12.5 | 7.7 |
| SSW | .4 | 2.0 | 4.7 | 1.6 | .1 | .0 | | | | | | 8.8 | 8.4 |
| SW | .2 | .9 | 2.2 | .5 | .1 | | | | | | | 3.9 | 8.2 |
| WSW | .0 | .4 | 1.0 | .4 | .1 | .2 | | | | | | 2.1 | 10.5 |
| W | .1 | .5 | .9 | .3 | .0 | | | | | | | 1.8 | 7.8 |
| WNW | .3 | .4 | .8 | .7 | .2 | | | | | | | 2.4 | 9.5 |
| NW | .2 | .4 | 1.7 | 1.3 | .2 | .1 | | | | | | 3.9 | 10.6 |
| NNW | .3 | 1.2 | 2.5 | 2.0 | .4 | .1 | | | | | | 6.5 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.5 | |
| | 6.1 | 21.2 | 43.9 | 22.5 | 3.0 | .8 | .0 | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 3069

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 YEARS JAN MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 2.7 | 5.3 | 3.7 | .7 | .1 | | | | | | 13.3 | 9.4 |
| NNE | .4 | 1.1 | 2.8 | 1.9 | .1 | .1 | | | | | | 6.4 | 9.4 |
| NE | .1 | .9 | 1.2 | .7 | .1 | .1 | | | | | | 3.1 | 8.8 |
| ENE | .3 | .8 | .7 | .4 | | | | | | | | 2.2 | 7.0 |
| E | .6 | 1.3 | 3.0 | .8 | | | | | | | | 5.6 | 7.7 |
| ESE | .6 | 1.8 | 4.5 | 1.7 | .1 | | | | | | | 8.8 | 8.5 |
| SE | .6 | 1.8 | 3.4 | 1.6 | .2 | | | | | | | 7.6 | 8.3 |
| SSE | .9 | 2.8 | 3.6 | 1.2 | .2 | | | | | | | 8.6 | 7.6 |
| S | 1.6 | 4.4 | 4.2 | 1.9 | .1 | | | | | | | 12.2 | 7.2 |
| SSW | .8 | 2.5 | 3.2 | 1.1 | | | | | | | | 7.7 | 7.4 |
| SW | .6 | 1.8 | 2.4 | .4 | .2 | | | | | | | 5.4 | 7.3 |
| WSW | .2 | .5 | .9 | .5 | | .0 | | | | | | 2.1 | 8.4 |
| W | .3 | .3 | .7 | .5 | .1 | | | | | | | 1.8 | 8.5 |
| WNW | .2 | .5 | .6 | .6 | .2 | | | | | | | 2.1 | 9.4 |
| NW | .3 | .7 | 1.3 | .9 | .2 | .0 | | | | | | 3.4 | 9.3 |
| NNW | .1 | .9 | 2.4 | 1.7 | .4 | | | | | | | 5.4 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 8.4 | 24.7 | 40.1 | 19.6 | 2.4 | .3 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 3049

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILDXI 43-74 YEARS JAN MONTH
1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 3.0 | 4.8 | 3.4 | .4 | .1 | | | | | | 12.9 | 9.0 |
| NNE | .8 | 1.9 | 2.4 | 1.3 | .4 | .1 | | | | | | 6.8 | 8.4 |
| NE | .4 | .8 | 1.6 | .8 | | .0 | | | | | | 3.6 | 8.2 |
| ENE | .8 | 1.1 | 1.1 | .1 | | | | | | | | 3.1 | 5.8 |
| E | 1.1 | 2.2 | 3.3 | .9 | .0 | | | | | | | 7.5 | 7.1 |
| ESE | .8 | 1.6 | 3.7 | 1.6 | .2 | | | | | | | 7.8 | 8.5 |
| SE | .6 | 2.0 | 2.7 | .9 | .1 | | | | | | | 6.3 | 7.7 |
| SSE | .8 | 1.5 | 2.5 | 1.0 | | | | | | | | 5.8 | 7.6 |
| S | 1.3 | 2.0 | 3.3 | 1.3 | .1 | | | | | | | 8.0 | 7.6 |
| SSW | .5 | 1.3 | 1.9 | 1.1 | | | | | | | | 4.9 | 8.0 |
| SW | .4 | 1.1 | 1.0 | .3 | .1 | | | | | | | 2.9 | 6.8 |
| WSW | .6 | .5 | .8 | .1 | .1 | | | | | | | 2.2 | 6.8 |
| W | .4 | .8 | .6 | .2 | | | | | | | | 2.1 | 6.5 |
| WNW | .2 | .6 | .5 | .3 | .1 | | | | | | | 1.7 | 7.6 |
| NW | .7 | 1.2 | .8 | .5 | .0 | | | | | | | 3.1 | 6.9 |
| NNW | .6 | 1.1 | 1.9 | 1.1 | .2 | .1 | | | | | | 5.0 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.3 | |
| | 11.0 | 22.7 | 33.0 | 14.9 | 1.9 | .3 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 3022

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 43-74 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 3.0 | 4.7 | 3.2 | .6 | .1 | | | | | | 12.8 | 8.9 |
| NNE | 1.0 | 2.0 | 3.6 | 1.5 | .3 | .0 | | | | | | 8.5 | 8.3 |
| NE | .7 | 1.4 | 2.2 | .8 | .1 | | | | | | | 5.2 | 7.5 |
| ENE | .7 | 1.0 | 1.6 | .5 | | | | | | | | 3.8 | 6.9 |
| E | .8 | 2.0 | 2.5 | .6 | | | | | | | | 5.9 | 7.0 |
| ESE | .5 | 1.3 | 2.9 | 1.2 | | | | | | | | 5.9 | 8.2 |
| E | .6 | 1.7 | 2.5 | 1.5 | .2 | | | | | | | 6.6 | 8.6 |
| SSE | .5 | 1.4 | 2.2 | 1.3 | .1 | .0 | | | | | | 5.6 | 8.6 |
| S | .5 | 1.9 | 3.2 | 1.0 | .1 | | | | | | | 6.6 | 7.9 |
| SSW | .2 | 1.1 | 2.2 | 1.0 | .1 | | | | | | | 4.5 | 8.5 |
| SW | .4 | .8 | 1.5 | .6 | | | | | | | | 3.3 | 7.7 |
| WSW | .2 | .5 | 1.0 | .3 | .0 | | | | | | | 2.0 | 8.2 |
| W | .5 | .7 | .9 | .2 | .0 | | | | | | | 2.4 | 6.6 |
| WNW | .2 | .6 | .8 | .4 | .1 | | | | | | | 2.0 | 8.0 |
| NW | .5 | 1.1 | .7 | .5 | .2 | | | | | | | 3.0 | 7.8 |
| NNW | .7 | 1.0 | 2.2 | 1.0 | .3 | .1 | | | | | | 5.3 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.9 | |
| | 9.0 | 21.4 | 34.7 | 15.5 | 2.2 | .2 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 2732

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/GILOXI 43-66,74 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 2.8 | 3.8 | 2.8 | .5 | .1 | | | | | | 11.0 | 8.9 |
| NNE | .5 | 2.7 | 3.7 | 1.2 | .2 | .1 | | | | | | 8.4 | 8.0 |
| NE | 1.1 | 2.9 | 2.8 | .4 | | .0 | | | | | | 7.2 | 6.5 |
| ENE | .6 | 1.9 | 2.2 | .3 | | | | | | | | 5.0 | 6.5 |
| E | .4 | 1.6 | 1.2 | .4 | .0 | .1 | | | | | | 3.8 | 7.4 |
| ESE | .3 | .8 | 1.4 | 1.3 | .1 | .0 | | | | | | 3.9 | 9.2 |
| SE | .3 | .8 | 1.5 | .6 | .0 | | | | | | | 3.3 | 8.1 |
| SSE | .1 | 1.3 | 3.4 | 1.3 | .1 | | | | | | | 6.2 | 9.0 |
| S | .5 | 1.6 | 3.8 | 1.3 | .2 | | | | | | | 7.3 | 8.3 |
| SSW | .5 | 1.7 | 2.6 | .8 | .0 | | | | | | | 5.7 | 7.7 |
| SW | .6 | 1.2 | 1.4 | .6 | .1 | | | | | | | 3.9 | 7.6 |
| WSW | .2 | 1.4 | 1.3 | .8 | .0 | | | | | | | 3.8 | 8.0 |
| W | .6 | 1.0 | 1.7 | .3 | .0 | .0 | | | | | | 3.7 | 7.1 |
| WNW | .3 | 1.0 | 1.1 | .2 | .0 | .1 | | | | | | 2.8 | 7.8 |
| NW | .2 | .9 | .8 | .6 | .1 | | | | | | | 2.7 | 8.5 |
| NNW | .4 | 1.7 | 1.4 | 1.1 | .3 | .0 | | | | | | 4.9 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.5 | |
| | 7.6 | 25.3 | 34.0 | 14.0 | 2.0 | .6 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2050

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1382C STATION KEESLER AFB MISSISSIPPI/BILOXI 43-65, 69-72, 74 YEARS FEB MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.7 | 4.5 | 2.4 | .8 | | | | | | | 11.4 | 8.7 |
| NNE | 1.7 | 2.9 | 4.4 | 2.0 | .3 | .2 | | | | | | 11.6 | 8.1 |
| NE | 1.4 | 3.3 | 3.3 | .1 | | | | | | | | 8.2 | 6.0 |
| ENE | .5 | 2.6 | 2.5 | .4 | | | | | | | | 6.1 | 6.6 |
| E | .7 | 1.0 | 1.8 | .4 | .0 | | | | | | | 3.9 | 6.9 |
| ESE | .1 | .4 | 1.4 | .6 | .1 | | | | | | | 2.6 | 9.5 |
| SE | .2 | .4 | 1.4 | .5 | .0 | | | | | | | 2.5 | 8.3 |
| SSE | .3 | 1.1 | 2.8 | .9 | .1 | | | | | | | 5.1 | 8.3 |
| S | .6 | 1.5 | 2.7 | .7 | .0 | | | | | | | 5.5 | 7.6 |
| SSW | .5 | 1.1 | 1.5 | .3 | .0 | | | | | | | 3.5 | 6.8 |
| SW | .2 | 1.1 | 1.3 | .2 | .0 | | | | | | | 2.8 | 7.2 |
| WSW | .3 | 1.1 | 1.1 | .3 | | .0 | | | | | | 2.8 | 7.4 |
| W | .7 | 1.6 | 1.0 | .3 | .1 | .1 | | | | | | 3.8 | 6.7 |
| WNW | .3 | 1.2 | 1.5 | .5 | .1 | .0 | | | | | | 3.7 | 8.1 |
| NW | .8 | 1.2 | 1.4 | .9 | .2 | | | | | | | 4.6 | 7.8 |
| NNW | .7 | 1.2 | 1.4 | .9 | .1 | .1 | | | | | | 4.5 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.5 | |
| | 10.1 | 24.4 | 34.2 | 11.2 | 2.1 | .5 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 2211

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820

STATION

KEESLER AFB MISSISSIPPI/BILUXI

STATION NAME

43-74

YEARS

FEB

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 3.4 | 5.5 | 2.4 | .4 | .0 | | | | | | 13.0 | 8.3 |
| NNE | 1.3 | 3.0 | 5.3 | 1.7 | .3 | .0 | | | | | | 11.6 | 7.9 |
| NE | 1.7 | 3.3 | 3.6 | .7 | .0 | | | | | | | 9.3 | 6.5 |
| ENE | .7 | 2.6 | 2.8 | .3 | | | | | | | | 6.4 | 6.6 |
| E | .9 | 1.3 | 2.2 | .5 | .1 | | | | | | | 5.0 | 7.2 |
| ESE | .5 | .6 | 1.4 | 1.0 | .1 | .0 | | | | | | 3.7 | 9.2 |
| SE | .3 | 1.0 | 1.3 | .3 | .1 | .0 | | | | | | 3.0 | 7.7 |
| SSE | .5 | 1.2 | 2.6 | .8 | .1 | | | | | | | 5.0 | 8.0 |
| S | .5 | 1.9 | 2.0 | .4 | .0 | | | | | | | 4.8 | 7.0 |
| SSW | .5 | 1.4 | 1.2 | .3 | .0 | | | | | | | 3.4 | 6.4 |
| SW | .3 | .9 | .8 | .1 | | | | | | | | 2.1 | 6.2 |
| WSW | .4 | .9 | .8 | .3 | .0 | | | | | | | 2.4 | 6.9 |
| W | .5 | 1.1 | 1.1 | .1 | .0 | | | | | | | 2.8 | 6.3 |
| WNW | .3 | .9 | 1.4 | .5 | .1 | | | | | | | 3.2 | 7.6 |
| NW | .3 | .6 | 1.7 | 1.2 | .3 | | | | | | | 4.0 | 9.3 |
| NNW | .6 | 1.3 | 1.8 | .9 | .4 | .2 | .0 | | | | | 5.3 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.1 | |
| | 10.5 | 25.3 | 35.3 | 11.4 | 2.0 | .3 | .0 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

2756

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 43-74 FEB
STATION MONTH
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 2.5 | 4.7 | 3.0 | .7 | .1 | | | | | | 11.7 | 9.3 |
| NNE | .9 | 2.0 | 4.8 | 2.2 | .4 | .1 | | | | | | 10.4 | 8.9 |
| NE | .7 | 1.3 | 3.0 | 1.5 | .1 | | | | | | | 6.7 | 8.5 |
| ENE | 1.1 | 2.5 | 2.8 | .5 | .0 | | | | | | | 7.0 | 6.7 |
| E | .9 | 2.1 | 2.9 | .4 | | | | | | | | 6.4 | 6.8 |
| ESE | .5 | 1.1 | 2.4 | 2.5 | .2 | .0 | | | | | | 6.7 | 9.8 |
| SE | .4 | 1.2 | 3.0 | 1.1 | .1 | | | | | | | 5.9 | 8.3 |
| SSE | .3 | 1.4 | 3.3 | .9 | .3 | .0 | | | | | | 6.3 | 8.7 |
| S | 1.0 | 2.8 | 3.7 | .8 | .0 | | | | | | | 8.3 | 7.1 |
| SSW | .5 | 1.7 | 2.7 | 1.1 | | .0 | | | | | | 6.0 | 7.9 |
| SW | .2 | .7 | 1.2 | 1.0 | .1 | | | | | | | 3.1 | 9.1 |
| WSW | .1 | .4 | .6 | .3 | .1 | | | | | | | 1.4 | 8.7 |
| W | .0 | .6 | 1.4 | .5 | .0 | | | | | | | 2.6 | 8.7 |
| WNW | .5 | .5 | 1.3 | .8 | .1 | | | | | | | 3.2 | 8.6 |
| NW | .3 | 1.3 | 1.7 | .8 | .1 | .1 | | | | | | 4.3 | 8.7 |
| NNW | .1 | .9 | 1.6 | 1.2 | .9 | | | | | | | 4.7 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 8.1 | 22.9 | 41.2 | 18.7 | 3.3 | .5 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 2766

DATA PROCESSING BRANCH
ETAG/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-74 YEARS FEB MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.9 | 4.8 | 2.5 | .8 | .2 | | | | | | 10.6 | 9.8 |
| NNE | .2 | 1.7 | 3.2 | 1.3 | .3 | .0 | | | | | | 6.7 | 8.8 |
| NE | .2 | 1.0 | 1.8 | .4 | .0 | | | | | | | 3.5 | 7.8 |
| ENE | .1 | .7 | 1.3 | .5 | .1 | | | | | | | 2.7 | 8.8 |
| E | .3 | .7 | 1.6 | .7 | .1 | | | | | | | 3.5 | 8.8 |
| ESE | .3 | .7 | 2.8 | 2.7 | .5 | | | | | | | 6.9 | 10.7 |
| SE | .3 | 1.3 | 3.7 | 2.2 | .1 | | | | | | | 7.5 | 9.2 |
| SSE | .4 | 2.7 | 6.1 | 2.0 | .2 | | | | | | | 11.5 | 8.5 |
| S | 1.0 | 3.5 | 8.1 | 1.7 | .2 | | | | | | | 14.4 | 7.9 |
| SSW | .3 | 1.9 | 5.1 | 2.0 | .1 | | | | | | | 9.4 | 8.8 |
| SW | .2 | .8 | 2.2 | 1.8 | .3 | | | | | | | 5.2 | 9.9 |
| WSW | | .2 | .6 | .6 | .1 | | | | | | | 1.5 | 10.5 |
| W | .1 | .3 | .9 | .4 | .0 | | | | | | | 1.7 | 9.0 |
| WNW | .2 | .3 | 1.3 | 1.2 | .3 | .1 | | | | | | 3.2 | 10.8 |
| NW | .2 | .5 | 1.4 | 1.5 | .5 | .0 | | | | | | 4.1 | 10.8 |
| NNW | .1 | .8 | 2.4 | 1.9 | .6 | .1 | | | | | | 6.0 | 11.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 4.3 | 18.9 | 47.2 | 23.4 | 4.2 | .5 | | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 2778

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13820 KEESELER AFB MISSISSIPPI/BILOXI

43-74

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.7 | 4.5 | 2.7 | .5 | .0 | | | | | | 9.8 | 9.5 |
| NNE | .4 | .9 | 3.4 | .9 | .3 | .1 | | | | | | 6.0 | 9.1 |
| NE | .2 | .7 | 1.2 | .2 | .1 | | | | | | | 2.4 | 7.8 |
| ENE | .3 | .4 | 1.1 | .3 | .1 | | | | | | | 2.1 | 8.5 |
| E | .4 | .7 | 2.0 | .7 | .1 | | | | | | | 4.0 | 8.4 |
| ESE | .4 | .9 | 2.3 | 2.5 | .3 | | | | | | | 6.5 | 10.1 |
| SE | .5 | 1.4 | 3.8 | 2.4 | .2 | | | | | | | 8.3 | 9.1 |
| SSE | .6 | 2.5 | 5.0 | 1.9 | .2 | | | | | | | 10.2 | 8.4 |
| S | 1.1 | 4.6 | 6.7 | 1.9 | .1 | | | | | | | 14.4 | 7.6 |
| SSW | .4 | 1.9 | 4.9 | 1.6 | .3 | .0 | | | | | | 9.1 | 8.7 |
| S ¹² | .3 | 1.5 | 3.2 | 2.1 | .1 | .0 | | | | | | 7.1 | 9.2 |
| WSW | .1 | .7 | 1.1 | .8 | .1 | .0 | | | | | | 2.8 | 9.1 |
| W | .3 | .4 | .8 | .4 | .0 | | | | | | | 1.8 | 8.3 |
| WNW | .1 | .5 | .8 | .7 | .2 | | | | | | | 2.3 | 9.8 |
| NW | .0 | .4 | 1.4 | 1.7 | .5 | | | | | | | 4.1 | 11.3 |
| NNW | .1 | .9 | 2.0 | 2.6 | .6 | .0 | | | | | | 6.3 | 11.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 5.4 | 20.2 | 44.3 | 23.5 | 3.6 | .3 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS

2749

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KE_ SLER AFB MISSISSIPPI/BILGXI 43-74 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 3.2 | 3.8 | 1.6 | .3 | | | | | | | 9.9 | 7.9 |
| NNE | .7 | 1.6 | 2.8 | .6 | .1 | .0 | | | | | | 5.8 | 7.7 |
| NE | .5 | .9 | 1.1 | .2 | | .0 | | | | | | 2.7 | 6.8 |
| ENE | .4 | .7 | 1.1 | .1 | .1 | .0 | | | | | | 2.4 | 7.6 |
| E | .7 | 1.8 | 1.6 | .7 | .1 | | | | | | | 4.9 | 7.2 |
| ESE | .9 | 1.9 | 2.3 | 1.8 | .0 | .0 | | | | | | 7.0 | 8.1 |
| SE | .5 | 1.4 | 2.4 | 1.2 | .2 | | | | | | | 5.6 | 8.5 |
| SSE | .7 | 2.4 | 3.7 | 1.1 | .1 | .1 | | | | | | 8.0 | 7.9 |
| S | 1.0 | 2.7 | 4.9 | 1.6 | .1 | | | | | | | 10.3 | 7.9 |
| SSW | .6 | 2.1 | 2.7 | 1.4 | .2 | | | | | | | 7.1 | 8.3 |
| SW | .9 | 1.5 | 1.7 | .5 | .1 | | | | | | | 4.6 | 7.0 |
| WSW | .6 | 1.0 | 1.3 | .6 | .0 | | | | | | | 3.5 | 7.2 |
| W | .4 | .9 | 1.0 | .2 | .0 | | | | | | | 2.6 | 6.7 |
| WNW | .3 | .6 | .6 | .3 | .0 | | .0 | | | | | 2.1 | 7.9 |
| NW | .5 | 1.3 | 1.1 | .4 | .1 | | | | | | | 3.4 | 6.9 |
| NNW | .4 | 1.9 | 1.8 | 1.7 | .3 | .0 | | | | | | 6.1 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.9 | |
| | 10.0 | 25.9 | 34.0 | 14.0 | 1.9 | .3 | .0 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2735

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-74 YEARS FEB MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 2.6 | 3.9 | 1.9 | .2 | .2 | | | | | | 9.8 | 8.4 |
| NNE | 1.0 | 1.5 | 3.5 | 1.0 | .1 | | | | | | | 7.2 | 7.7 |
| NE | .6 | 1.7 | 2.3 | .3 | | | | | | | | 4.9 | 6.9 |
| ENE | .3 | 1.2 | 1.6 | .2 | | | | | | | | 3.4 | 7.0 |
| E | 1.0 | 1.8 | 1.2 | .6 | | .0 | | | | | | 4.7 | 6.4 |
| ESE | .5 | .9 | 2.2 | 1.4 | .1 | .1 | | | | | | 5.3 | 9.0 |
| SE | .3 | 1.0 | 2.3 | 1.2 | .1 | | | | | | | 4.9 | 8.9 |
| SSE | .5 | 1.3 | 2.6 | 1.0 | .1 | .0 | | | | | | 5.6 | 8.2 |
| S | .4 | 2.1 | 4.5 | 1.5 | .2 | .0 | .1 | | | | | 8.8 | 8.7 |
| SSW | .8 | 2.1 | 3.3 | 1.1 | .1 | | .0 | | | | | 7.4 | 7.9 |
| SW | .5 | .7 | 1.7 | .8 | .2 | | | | | | | 3.8 | 8.8 |
| WSW | .3 | .4 | 1.0 | .7 | | | | | | | | 2.3 | 8.7 |
| W | .7 | .9 | .6 | .2 | | | | | | | | 2.4 | 5.7 |
| WNW | .2 | .9 | .9 | .5 | .0 | | | | | | | 2.5 | 7.9 |
| NW | .9 | 1.0 | 1.1 | .2 | .1 | | | | | | | 3.3 | 6.5 |
| NNW | .7 | 1.5 | 1.5 | 1.4 | .3 | .0 | | | | | | 5.5 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.3 | |
| | 9.7 | 21.5 | 34.2 | 14.2 | 1.0 | .4 | .1 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 2494

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KESLER AFB MISSISSIPPI/BILUXI 43-65 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 3.3 | 4.8 | 1.0 | .5 | | | | | | | 10.9 | 7.5 |
| NNE | 1.1 | 2.9 | 4.2 | 1.0 | .1 | .0 | | | | | | 9.3 | 7.5 |
| NE | .9 | 1.6 | 2.1 | .1 | | | | | | | | 4.8 | 6.1 |
| ENE | .9 | 1.2 | 1.7 | .2 | .0 | | | | | | | 4.1 | 6.4 |
| E | .2 | 1.1 | .9 | .3 | | | | | | | | 2.4 | 6.8 |
| ESE | .2 | 1.2 | 1.7 | 1.2 | .2 | | | | | | | 4.5 | 8.7 |
| SE | .5 | 1.6 | 3.9 | 1.5 | .1 | .0 | | | | | | 7.6 | 8.5 |
| SSE | .4 | 1.0 | 3.1 | 1.7 | .2 | | | | | | | 6.5 | 9.0 |
| S | .6 | 1.3 | 3.5 | 1.7 | .1 | | | | | | | 7.2 | 8.5 |
| SSW | .2 | 1.2 | 3.0 | 1.6 | .0 | | | | | | | 6.0 | 9.1 |
| SW | .1 | 1.0 | 1.5 | .6 | | | | | | | | 3.2 | 8.1 |
| WSW | .1 | .7 | 1.1 | .0 | | | | | | | | 2.0 | 7.1 |
| W | .5 | .9 | 1.6 | .3 | | | | | | | | 3.3 | 6.9 |
| WNW | .1 | .7 | 1.5 | .7 | .1 | .1 | | | | | | 3.2 | 9.2 |
| NW | .6 | 1.2 | 1.5 | .2 | .1 | | | | | | | 3.6 | 7.0 |
| NNW | .7 | 1.1 | 1.4 | .5 | .6 | .1 | .1 | | | | | 4.5 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.7 | |
| | 8.6 | 21.8 | 37.6 | 12.7 | 2.2 | .3 | .1 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 2138

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESLER AFB MISSISSIPPI/BILOXI

43-65,69-72

MAR

ALL WEATHER

0300-0500

CLASS

HOURLS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.5 | 4.2 | 1.7 | .4 | .1 | | | | | | 10.7 | 7.9 |
| NNE | 1.9 | 3.5 | 4.6 | 1.5 | .2 | | | | | | | 11.6 | 7.3 |
| NE | 1.4 | 2.2 | 3.1 | .3 | .0 | | .0 | | | | | 7.0 | 6.5 |
| ENE | 1.0 | 1.9 | 1.9 | .0 | | | | | | | | 4.8 | 5.6 |
| E | .6 | 1.2 | 1.3 | .4 | .0 | | | | | | | 3.6 | 6.8 |
| ESE | .4 | 1.0 | 1.8 | .8 | .1 | .0 | | | | | | 4.1 | 8.4 |
| SE | .4 | 1.0 | 1.7 | 1.3 | .2 | .0 | | | | | | 4.7 | 9.2 |
| SSE | .4 | 1.6 | 2.7 | 1.2 | .3 | .0 | | | | | | 6.2 | 8.7 |
| S | .3 | 1.6 | 2.4 | 1.1 | .1 | | | | | | | 5.5 | 8.1 |
| SSW | .3 | .9 | 2.1 | 1.0 | .1 | | | | | | | 4.4 | 8.7 |
| SW | .3 | .5 | 1.7 | .3 | | | | | | | | 2.8 | 8.0 |
| WSW | .3 | 1.2 | .8 | .2 | | | | | | | | 2.4 | 6.7 |
| W | .6 | .8 | 1.0 | | .0 | | | | | | | 2.5 | 6.1 |
| WNW | .3 | .8 | 1.4 | .3 | .1 | .1 | | | | | | 3.0 | 8.2 |
| NW | .7 | .9 | 1.8 | .6 | .1 | | | | | | | 4.2 | 7.4 |
| NNW | 1.0 | 1.6 | 1.7 | .8 | .4 | .3 | | | | | | 5.7 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.7 | |
| | 11.5 | 23.3 | 34.2 | 11.6 | 2.0 | .6 | .0 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 2361

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI

43-73

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.9 | 3.8 | 2.6 | .4 | | | | | | | 9.3 | 9.3 |
| NNE | .5 | 1.8 | 4.0 | 2.1 | .3 | | | | | | | 8.7 | 9.1 |
| NE | .5 | 1.7 | 2.7 | .6 | .0 | | | | | | | 5.5 | 7.7 |
| ENE | .5 | 1.8 | 3.2 | .7 | .0 | | | | | | | 6.2 | 7.7 |
| E | 1.0 | 1.4 | 2.7 | 1.2 | .1 | | | | | | | 6.4 | 7.9 |
| ESE | .3 | .9 | 4.0 | 2.1 | .3 | | | | | | | 7.6 | 9.5 |
| SE | .4 | 1.2 | 4.6 | 2.2 | .1 | | | | | | | 8.4 | 9.2 |
| SSE | .5 | 2.3 | 5.3 | 1.8 | .3 | .0 | | | | | | 10.3 | 8.7 |
| S | .7 | 2.9 | 4.1 | .8 | .0 | .0 | | | | | | 8.7 | 7.5 |
| SSW | .2 | 1.0 | 2.9 | .9 | .3 | .1 | | | | | | 5.5 | 9.2 |
| SW | .1 | .4 | 1.6 | .6 | .1 | | | | | | | 2.8 | 9.0 |
| WSW | .0 | .2 | .9 | .8 | .1 | .1 | | | | | | 2.1 | 11.1 |
| W | .3 | .4 | .8 | .4 | .1 | | | | | | | 2.0 | 8.1 |
| WNW | .2 | .6 | 1.1 | 1.3 | .3 | | | | | | | 3.5 | 9.9 |
| NW | .2 | .7 | 1.3 | 1.1 | .1 | .0 | | | | | | 3.5 | 9.3 |
| NNW | .3 | .9 | 2.1 | 2.0 | .5 | .1 | .0 | | | | | 6.0 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 6.6 | 20.2 | 45.0 | 21.3 | 3.0 | .3 | .0 | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 2956

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 43-73 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 1.4 | 3.1 | 2.3 | .3 | .0 | .0 | | | | | 7.9 | 9.5 |
| NNE | .2 | 1.7 | 2.3 | 1.3 | .1 | | | | | | | 5.6 | 8.6 |
| NE | .3 | .4 | 1.3 | .8 | | | | | | | | 2.8 | 8.6 |
| ENE | .1 | .2 | .9 | .3 | | | | | | | | 1.5 | 8.7 |
| E | .2 | .7 | 1.2 | 1.0 | .1 | .0 | | | | | | 3.2 | 9.4 |
| ESE | .1 | 1.2 | 3.2 | 3.2 | .4 | .1 | | | | | | 8.3 | 10.5 |
| SE | .2 | .9 | 5.1 | 3.6 | .3 | .1 | | | | | | 10.1 | 10.3 |
| SSE | .3 | 1.7 | 7.8 | 3.4 | .5 | .1 | | | | | | 13.8 | 9.7 |
| S | .3 | 3.4 | 8.5 | 2.8 | .3 | .1 | | | | | | 15.4 | 8.8 |
| SSW | .3 | 1.0 | 5.7 | 2.5 | .2 | .1 | | | | | | 9.9 | 9.5 |
| SW | .1 | .5 | 1.6 | 1.6 | .4 | .0 | | | | | | 4.3 | 10.6 |
| WSW | | .1 | .6 | .9 | .2 | .0 | | | | | | 1.7 | 11.8 |
| W | .1 | .2 | .5 | .5 | .0 | | | | | | | 1.4 | 9.5 |
| WNW | .1 | .4 | 1.1 | 1.2 | .3 | .0 | | | | | | 3.1 | 10.9 |
| NW | .1 | .4 | 1.6 | 1.6 | .3 | | | | | | | 4.1 | 10.6 |
| NNW | .3 | .8 | 1.8 | 1.8 | .6 | .3 | | | | | | 5.6 | 11.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 3.5 | 15.1 | 46.4 | 28.6 | 4.1 | .9 | .0 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 2929

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESELER AFB MISSISSIPPI/BILUXI 43-73 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1500-1700
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.3 | 3.8 | 2.0 | .3 | .1 | | | | | | 7.8 | 9.4 |
| NNE | .2 | .7 | 2.2 | .9 | .2 | | | | | | | 4.2 | 9.3 |
| NE | .1 | .9 | .7 | .2 | | | | | | | | 2.0 | 7.0 |
| ENE | .1 | .3 | .5 | .2 | | | | | | | | 1.2 | 8.1 |
| E | .2 | .9 | 1.7 | 1.2 | .1 | | | | | | | 4.1 | 9.2 |
| ESE | .3 | 1.3 | 4.5 | 2.6 | .2 | .0 | | | | | | 8.9 | 9.6 |
| SE | .3 | 1.6 | 5.3 | 2.2 | .2 | .1 | | | | | | 9.7 | 9.3 |
| SSE | .4 | 3.3 | 7.5 | 3.1 | .2 | .1 | | | | | | 14.6 | 8.8 |
| S | .5 | 3.1 | 7.6 | 2.6 | .2 | .0 | | | | | | 14.0 | 8.6 |
| SSW | .3 | 2.0 | 5.4 | 2.5 | .4 | .1 | .0 | | | | | 10.7 | 9.4 |
| SW | .2 | .9 | 2.9 | 1.5 | .1 | .0 | | | | | | 5.6 | 9.4 |
| WSW | .1 | .3 | 1.0 | 1.0 | .1 | .1 | | | | | | 2.4 | 10.6 |
| W | .0 | .2 | .5 | .6 | .2 | .0 | | | | | | 1.6 | 11.7 |
| WNW | | .3 | 1.0 | .8 | .1 | | | | | | | 2.2 | 10.5 |
| NW | | .4 | 1.6 | 1.6 | .3 | | | | | | | 3.9 | 11.0 |
| NNW | .1 | .7 | 1.9 | 1.8 | .7 | .2 | | | | | | 5.5 | 11.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 3.1 | 18.1 | 48.1 | 24.8 | 3.5 | .9 | .0 | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 2940

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILDXI 43-74 YEARS MAR MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.7 | 3.6 | 1.2 | .1 | .0 | | | | | | 8.5 | 7.6 |
| NNE | .4 | .9 | 1.7 | .2 | .1 | .0 | | | | | | 3.5 | 7.8 |
| NE | .3 | .8 | .8 | .2 | | | | | | | | 2.1 | 6.8 |
| ENE | .3 | .5 | .7 | .3 | | | | | | | | 1.7 | 7.2 |
| E | .6 | 1.1 | 1.9 | .6 | | | | | | | | 4.2 | 7.4 |
| ESE | .7 | 2.2 | 4.6 | 1.7 | .2 | .0 | | | | | | 9.4 | 8.5 |
| SE | .6 | 2.4 | 4.9 | 1.7 | .1 | | | | | | | 9.6 | 8.3 |
| SSE | .9 | 3.1 | 5.4 | 1.9 | .3 | .1 | | | | | | 11.7 | 8.1 |
| S | .6 | 4.2 | 4.5 | 1.8 | .2 | .0 | .0 | | | | | 11.5 | 7.9 |
| SSW | .6 | 1.9 | 2.3 | 1.5 | .5 | .1 | .0 | | | | | 6.9 | 9.1 |
| SW | .6 | 1.8 | 2.0 | .6 | .0 | .0 | | | | | | 5.1 | 7.4 |
| WSW | .3 | .8 | 1.2 | .2 | | | | | | | | 2.4 | 7.0 |
| W | .4 | .9 | .8 | .3 | .1 | | | | | | | 2.5 | 7.0 |
| WNW | .3 | .4 | .8 | .5 | .1 | | | | | | | 2.1 | 8.2 |
| NW | .8 | .8 | 1.3 | .4 | .2 | | | | | | | 3.5 | 7.5 |
| NNW | .4 | 1.2 | 2.2 | .9 | .2 | .1 | | | | | | 4.9 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 8.6 | 25.5 | 38.6 | 14.1 | 2.0 | .4 | .1 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2926

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820

KEESLER AFB MISSISSIPPI/BILUXI

43-74

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURE (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N | 1.1 | 2.5 | 3.8 | 1.2 | .2 | .0 | | | | | | 8.9 | 7.8 |
| NNE | .4 | 1.8 | 3.2 | 1.0 | | | | | | | | 6.5 | 7.8 |
| NE | .5 | 1.0 | 1.2 | .1 | | | | | | | | 2.8 | 6.1 |
| ENE | .4 | .8 | .7 | .2 | .1 | | | | | | | 2.2 | 6.6 |
| E | .4 | 1.2 | 1.4 | .4 | .0 | | | | | | | 3.5 | 7.1 |
| ESE | .5 | 1.4 | 3.6 | 1.4 | .0 | .0 | | | | | | 7.1 | 8.5 |
| SE | .6 | 1.6 | 3.6 | 1.6 | | | | | | | | 7.4 | 8.6 |
| SSE | .4 | 2.2 | 4.8 | 2.0 | .2 | .2 | | | | | | 9.8 | 9.0 |
| S | .8 | 2.4 | 4.9 | 1.6 | .2 | | | | | | | 9.7 | 8.3 |
| SSW | .3 | 1.1 | 2.9 | 1.3 | .3 | | | | | | | 5.8 | 9.2 |
| SW | .2 | .6 | 1.6 | 1.2 | .1 | | | | | | | 3.7 | 9.1 |
| WSW | .2 | .6 | 1.0 | .6 | .1 | | | | | | | 2.4 | 8.9 |
| W | .5 | .7 | .6 | .4 | .1 | | | | | | | 2.3 | 7.1 |
| WNW | .5 | 1.1 | .8 | .6 | .1 | .0 | | | | | | 3.1 | 7.9 |
| NW | .5 | .9 | .9 | .5 | .2 | | | | | | | 3.0 | 7.9 |
| NNW | .7 | 1.1 | 1.6 | .9 | .2 | .1 | | | | | | 4.7 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.3 | |
| | 8.0 | 20.9 | 36.4 | 15.1 | 1.8 | .4 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

2649

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 43-65,74 YEARS APR MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.7 | 3.2 | .6 | .3 | .0 | | | | | | 8.2 | 7.1 |
| NNE | 1.5 | 1.9 | 3.7 | .6 | | .2 | | | | | | 7.9 | 7.3 |
| NE | 1.5 | 1.3 | .9 | .1 | .0 | | | | | | | 3.9 | 5.1 |
| ENE | 1.1 | 1.0 | 1.3 | .0 | .0 | | | | | | | 3.5 | 5.7 |
| E | .5 | .6 | .8 | .3 | | | | | | | | 2.1 | 6.7 |
| ESE | .4 | 1.3 | 1.9 | .6 | | | | | | | | 4.2 | 7.1 |
| SE | .4 | 1.3 | 3.5 | 1.5 | .1 | | | | | | | 6.9 | 8.7 |
| SSE | .7 | 1.7 | 5.2 | 2.5 | .1 | .2 | | | | | | 10.3 | 8.9 |
| S | .5 | 2.7 | 5.1 | 1.9 | .1 | .2 | | | | | | 10.6 | 8.5 |
| SSW | .5 | 1.9 | 3.6 | 2.1 | .5 | | .0 | | | | | 8.6 | 9.3 |
| SW | .2 | .7 | 2.1 | .5 | .0 | .1 | | | | | | 3.7 | 8.7 |
| WSW | .3 | .8 | 1.6 | .1 | | | | | | | | 2.9 | 7.1 |
| W | .3 | 1.3 | 1.7 | .2 | | | | | | | | 3.5 | 6.4 |
| WNW | .2 | 1.1 | .9 | .3 | | | | | | | | 2.6 | 6.9 |
| NW | .6 | 1.0 | 1.3 | .3 | | | | | | | | 3.2 | 6.8 |
| NNW | .5 | 1.3 | 1.2 | .4 | .2 | .0 | | | | | | 3.7 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 10.7 | 22.8 | 37.9 | 12.1 | 1.5 | .9 | .0 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 2116

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-65,67-74 YEARS APR
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 3.3 | 2.4 | 1.0 | .4 | | | | | | | 8.8 | 6.8 |
| NNE | 2.2 | 3.5 | 3.1 | .7 | .3 | .0 | | | | | | 9.9 | 6.7 |
| N-E | 1.7 | 2.2 | 2.1 | .2 | | | | | | | | 6.1 | 5.6 |
| ENE | 1.2 | 2.2 | 1.7 | .1 | | | | | | | | 5.1 | 5.4 |
| E | .6 | 1.2 | .7 | .1 | | | | | | | | 2.6 | 5.7 |
| ESE | .7 | .4 | 1.8 | .7 | .0 | | | | | | | 3.7 | 7.9 |
| SE | .6 | .9 | 2.6 | .7 | .1 | | | | | | | 4.9 | 7.8 |
| SSE | .3 | 2.2 | 3.5 | 1.6 | .1 | .1 | | | | | | 7.8 | 8.4 |
| S | .6 | 2.2 | 4.2 | 1.6 | .3 | .1 | | | | | | 8.8 | 8.5 |
| SSW | .3 | 1.2 | 3.2 | 1.6 | .2 | .0 | | | | | | 6.6 | 9.3 |
| SW | .1 | .8 | 1.7 | .6 | .2 | | | | | | | 3.4 | 8.8 |
| WSW | .3 | .6 | 1.4 | .2 | | | | | | | | 2.5 | 7.2 |
| W | .8 | 1.4 | 1.1 | .0 | | | | | | | | 3.3 | 5.6 |
| WNW | .5 | .8 | 1.4 | .2 | | | | | | | | 2.8 | 6.8 |
| NW | .6 | 1.2 | 1.2 | .2 | .0 | | | | | | | 3.2 | 6.6 |
| NNW | .4 | 1.5 | 1.6 | .4 | .1 | .0 | | | | | | 4.0 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CAIM | | | | | | | | | | | | 16.4 | |
| | 12.6 | 25.5 | 33.5 | 10.0 | 1.7 | .3 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 2320

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILLOXI 43-74 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 5 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|----|-------|-----------------------|
| N | 1.6 | 2.3 | 3.5 | .9 | .3 | .1 | | | | | | 8.8 | 7.3 |
| NNE | 1.5 | 2.6 | 3.8 | 1.1 | .1 | .1 | | | | | | 9.3 | 7.4 |
| NNE | 1.5 | 2.3 | 2.6 | .6 | | | | | | | | 6.9 | 6.4 |
| ENE | 1.2 | 3.1 | 3.0 | .3 | | | | | | | | 7.5 | 6.2 |
| E | 1.1 | 2.0 | 1.9 | .3 | | | | | | | | 5.3 | 6.1 |
| ESE | .2 | 1.3 | 2.7 | 1.6 | .1 | .0 | | | | | | 6.0 | 8.9 |
| SE | .5 | 1.2 | 2.6 | 1.0 | .1 | | | | | | | 5.4 | 8.3 |
| SSE | .7 | 2.0 | 3.5 | 1.6 | .0 | | | | | | | 7.8 | 8.2 |
| S | .3 | 2.3 | 4.4 | 1.4 | .1 | | | | | | | 8.5 | 8.3 |
| SSW | .2 | 1.4 | 2.4 | 1.2 | .1 | | | | | | | 5.3 | 8.4 |
| SW | .2 | .5 | 2.1 | .7 | | | | | | | | 3.5 | 8.6 |
| WSW | .2 | .6 | 1.6 | .2 | .0 | | | | | | | 2.6 | 7.8 |
| W | .5 | .9 | .8 | .1 | .0 | | | | | | | 2.3 | 6.3 |
| WNW | .5 | .9 | 1.2 | .4 | .0 | | | | | | | 3.1 | 7.2 |
| NW | .8 | 1.2 | .9 | .3 | .0 | | | | | | | 3.3 | 6.4 |
| NNW | .5 | 1.3 | 1.6 | .6 | .2 | .1 | | | | | | 4.1 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CAIM | | | | | | | | | | | | 10.4 | |
| | 1.6 | 25.9 | 38.5 | 12.4 | 1.1 | .3 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-74 YEARS APR MONTH

ALL WEATHER CLASS

0900-1100 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.5 | 3.0 | 1.8 | .1 | .1 | | | | | | 7.1 | 9.0 |
| NNE | .5 | 1.0 | 3.2 | 1.1 | .2 | | | | | | | 6.1 | 8.5 |
| NE | .6 | 1.1 | 2.0 | .4 | .1 | | | | | | | 4.2 | 7.5 |
| ENE | .7 | 1.6 | 1.8 | .1 | | | | | | | | 4.1 | 6.4 |
| E | .5 | 1.3 | 1.8 | .7 | .1 | | | | | | | 4.3 | 7.6 |
| ESE | .2 | 1.3 | 3.8 | 3.9 | .2 | .0 | | | | | | 9.6 | 10.1 |
| SE | .2 | 1.6 | 6.0 | 3.7 | .3 | .1 | .0 | | | | | 11.9 | 9.9 |
| SSE | .4 | 2.2 | 6.7 | 2.3 | .1 | | | | | | | 11.7 | 8.7 |
| S | .4 | 2.3 | 7.6 | 2.3 | .1 | | | | | | | 12.6 | 8.7 |
| SSW | .3 | 1.1 | 4.2 | 2.4 | .1 | | | | | | | 8.0 | 9.4 |
| SW | .1 | .6 | 2.0 | 1.4 | .1 | | | | | | | 4.2 | 9.7 |
| WSW | .0 | .3 | 1.2 | .7 | .0 | .0 | | | | | | 2.3 | 9.9 |
| W | .1 | .7 | .8 | .4 | .0 | | | | | | | 2.0 | 8.2 |
| WNW | .4 | .5 | 1.1 | .5 | .1 | | | | | | | 2.6 | 8.3 |
| NW | .3 | .6 | .8 | .8 | | | | | | | | 2.4 | 8.4 |
| NNW | .4 | .8 | 1.7 | 1.4 | | | | | | | | 4.3 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 5.5 | 18.4 | 47.7 | 23.9 | 1.6 | .2 | .0 | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 2838

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820

KEESLER AFB MISSISSIPPI/BILUXI

43-74

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .9 | 2.5 | 1.4 | .1 | | | | | | | 5.2 | 9.0 |
| NNE | .1 | .8 | 1.6 | .7 | .2 | .0 | | | | | | 3.5 | 9.1 |
| NE | .1 | .4 | .8 | .3 | .0 | | | | | | | 1.7 | 8.4 |
| ENE | .4 | .4 | .6 | .2 | | | | | | | | 1.6 | 6.8 |
| E | .1 | .2 | .9 | .4 | | | | | | | | 1.6 | 9.2 |
| ESE | .1 | .5 | 3.2 | 4.7 | .1 | .1 | .0 | | | | | 8.7 | 11.2 |
| SE | .2 | 1.1 | 5.8 | 5.0 | .3 | .1 | | | | | | 12.5 | 10.4 |
| SSE | .3 | 1.8 | 10.0 | 4.8 | .2 | .1 | | | | | | 17.1 | 9.6 |
| S | .3 | 2.0 | 11.8 | 1.2 | .1 | | | | | | | 18.4 | 9.2 |
| SSW | .2 | 1.2 | 5.7 | 4.6 | .2 | .1 | | | | | | 12.0 | 10.1 |
| SW | .1 | .4 | 2.0 | 2.1 | .4 | .0 | | | | | | 4.9 | 11.1 |
| WSW | .5 | .5 | .6 | 1.0 | .2 | .0 | | | | | | 2.2 | 10.4 |
| W | .1 | .1 | .8 | .5 | .1 | | | | | | | 1.6 | 9.7 |
| WNW | .1 | .1 | 1.0 | .8 | .2 | | | | | | | 2.3 | 10.7 |
| NW | .1 | .4 | .7 | .7 | .1 | .0 | | | | | | 2.0 | 10.2 |
| NNW | .2 | .4 | 1.8 | 1.2 | | | | | | | | 3.6 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 2.8 | 11.1 | 49.9 | 32.5 | 2.3 | .4 | .0 | | | | | 100.0 | 9.7 |

TOTAL NUMBER OF OBSERVATIONS

2827

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 43-74 YEARS APR MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | .6 | 3.1 | 1.7 | .1 | | | | | | | 5.5 | 9.7 |
| NNE | .2 | .9 | 1.6 | .5 | .1 | | | | | | | 3.3 | 8.6 |
| NE | .2 | .4 | .6 | .1 | .0 | | | | | | | 1.3 | 7.2 |
| ENE | .2 | .1 | .4 | .1 | .0 | | | | | | | .8 | 7.3 |
| E | .1 | .5 | 1.1 | .4 | | | | | | | | 2.1 | 8.3 |
| ESE | .2 | .7 | 4.3 | 2.9 | .3 | | | | | | | 8.4 | 10.3 |
| SE | .1 | 1.7 | 6.1 | 3.9 | .3 | .1 | | | | | | 12.3 | 9.8 |
| SSE | .5 | 2.6 | 9.3 | 3.7 | .3 | .1 | | | | | | 16.6 | 9.1 |
| S | .5 | 2.7 | 11.1 | 3.9 | .0 | .0 | | | | | | 18.3 | 8.9 |
| SSW | .5 | 1.3 | 6.5 | 3.7 | .2 | .0 | | | | | | 12.1 | 9.5 |
| SW | .1 | .6 | 2.9 | 1.9 | .1 | .0 | | | | | | 5.6 | 9.8 |
| WSW | .0 | .3 | 1.0 | 1.0 | .1 | .1 | | | | | | 2.5 | 10.6 |
| W | .0 | .2 | .6 | .6 | .1 | | | | | | | 1.6 | 10.3 |
| WNW | .0 | .2 | 1.3 | .6 | .2 | | | | | | | 2.4 | 10.4 |
| WW | .1 | .2 | .9 | .7 | .1 | .1 | | | | | | 2.0 | 10.5 |
| NNW | .0 | .4 | 2.1 | 1.3 | .1 | | | | | | | 4.0 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 2.9 | 13.4 | 53.0 | 26.9 | 2.2 | .4 | | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 2832

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILOXI 43-74 APR
STATION STATION NAME YEARS MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.8 | 2.2 | .5 | .0 | .0 | | | | | | 5.4 | 7.0 |
| NNE | .6 | 1.3 | 1.1 | .2 | .1 | | | | | | | 3.3 | 6.5 |
| NE | .5 | .6 | .2 | .1 | | | | | | | | 1.5 | 5.2 |
| ENE | .1 | .2 | .2 | .2 | | | | | | | | .8 | 8.5 |
| E | .4 | .9 | 1.4 | .5 | | | | | | | | 3.2 | 7.6 |
| ESE | .4 | 1.6 | 4.2 | 2.2 | .3 | | | | | | | 8.7 | 9.2 |
| SE | .5 | 3.5 | 5.1 | 2.0 | .2 | .0 | | | | | | 11.4 | 8.1 |
| SSE | 1.5 | 4.3 | 6.9 | 1.8 | .2 | .1 | .0 | | | | | 14.8 | 7.8 |
| S | 1.1 | .9 | 7.3 | 2.7 | .1 | | | | | | | 16.0 | 7.8 |
| SSW | .6 | 2.4 | 3.8 | 2.0 | .2 | | | | | | | 8.9 | 8.2 |
| SW | .7 | 1.6 | 1.7 | .7 | .0 | | | | | | | 4.8 | 7.1 |
| WSW | .3 | .8 | 1.1 | .2 | .1 | | | | | | | 2.4 | 7.1 |
| W | .1 | .4 | .9 | .2 | | | | | | | | 1.6 | 7.8 |
| WNW | .4 | .7 | .7 | .4 | .1 | | | | | | | 2.3 | 7.4 |
| NW | .5 | .9 | .6 | .2 | | | | | | | | 2.3 | 6.3 |
| NNW | .5 | 1.3 | 2.0 | .6 | .1 | | | | | | | 4.5 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 9.1 | 27.2 | 39.5 | 14.6 | 1.4 | .1 | .0 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 2818

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 43-74 YEARS APR MONTH

ALL WEATHER

2100-2300

CLASS

NOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.6 | 2.6 | .7 | .2 | | | | | | | 6.1 | 7.5 |
| NNE | .8 | 1.1 | 1.6 | .4 | | .1 | .0 | | | | | 4.0 | 7.2 |
| NE | .6 | 1.4 | .8 | .1 | | | | | | | | 3.0 | 5.8 |
| ENE | .2 | .9 | .4 | .0 | | | | | | | | 1.6 | 5.5 |
| E | .4 | .9 | .7 | .0 | .0 | | | | | | | 2.2 | 6.0 |
| ESE | .5 | 1.3 | 3.3 | 1.6 | .1 | .0 | | | | | | 6.8 | 8.9 |
| SE | .6 | 2.4 | 4.5 | 2.3 | .2 | | | | | | | 10.0 | 8.8 |
| SSE | 1.1 | 2.4 | 5.6 | 2.7 | .3 | .1 | .0 | | | | | 12.2 | 8.7 |
| S | .9 | 3.6 | 6.0 | 2.6 | .1 | .1 | | | | | | 13.4 | 8.1 |
| SSW | .6 | 2.1 | 4.1 | 1.9 | .2 | | | | | | | 8.9 | 8.5 |
| SW | .5 | 1.1 | 2.3 | 1.3 | | .0 | | | | | | 5.2 | 8.5 |
| WSW | .3 | .9 | 1.1 | .4 | | | | | | | | 2.7 | 7.3 |
| W | .4 | .6 | .9 | .2 | | | | | | | | 2.0 | 6.5 |
| WNW | .4 | .7 | .5 | .4 | .1 | | | | | | | 2.1 | 7.5 |
| NW | .7 | .9 | .7 | .3 | | | | | | | | 2.5 | 6.2 |
| NNW | .9 | 1.3 | 1.5 | .4 | .1 | | | | | | | 4.1 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.3 | |
| | 9.9 | 23.1 | 36.6 | 15.4 | 1.3 | .4 | .1 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 2549

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-65,74 YEARS MAY MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.5 | 1.3 | .2 | .1 | | | | | | | 4.4 | 6.1 |
| NNE | 1.8 | 2.2 | 1.6 | .2 | | | | | | | | 5.7 | 5.3 |
| NE | 2.0 | 2.1 | .7 | .0 | | | | | | | | 4.8 | 4.4 |
| ENE | .8 | 1.3 | .8 | .0 | | | | | | | | 2.9 | 5.4 |
| E | .2 | .4 | .3 | .3 | | | | | | | | 1.2 | 6.9 |
| ESE | .3 | .3 | 1.2 | .5 | | | | | | | | 2.3 | 8.5 |
| SE | .3 | .6 | 2.1 | 1.3 | .1 | | | | | | | 4.4 | 9.4 |
| SSE | .6 | 1.9 | 5.2 | 3.6 | .2 | .1 | | | | | | 11.6 | 9.4 |
| S | .5 | 2.3 | 5.0 | 2.6 | .4 | | | | | | | 10.8 | 9.0 |
| SSW | .2 | 1.5 | 4.2 | 1.6 | .0 | | | | | | | 7.6 | 8.8 |
| SW | .4 | 1.3 | 2.3 | .4 | | | | | | | | 4.4 | 7.4 |
| WSW | .4 | 1.4 | 2.3 | .2 | | | | | | | | 4.3 | 6.9 |
| W | 1.2 | 2.0 | 2.0 | .3 | | | | | | | | 5.5 | 6.1 |
| WNW | .9 | 1.3 | .9 | .1 | | | | | | | | 3.2 | 5.6 |
| NW | .9 | .7 | .8 | .0 | | | | | | | | 2.5 | 5.4 |
| NNW | .5 | 1.1 | .6 | .1 | .0 | | | | | | | 2.4 | 5.9 |
| VAR3L | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.2 | |
| | 12.2 | 21.9 | 31.4 | 11.4 | .8 | .1 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 2251

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-65,67-74
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 3.4 | 2.3 | .3 | .0 | | | | | | | 8.5 | 5.5 |
| NNE | 2.0 | 2.8 | 2.1 | .3 | | | | | | | | 7.2 | 5.5 |
| NE | 3.0 | 3.0 | 1.2 | .1 | | | | | | | | 7.4 | 4.6 |
| ENE | 1.1 | 1.2 | .9 | .1 | | | | | | | | 3.2 | 5.1 |
| E | .5 | .6 | .7 | .2 | | | | | | | | 2.0 | 6.3 |
| ESE | .0 | .4 | 1.0 | .5 | | | | | | | | 1.9 | 9.3 |
| SE | .4 | .7 | 1.3 | .9 | .0 | | | | | | | 3.3 | 8.5 |
| SSE | .4 | 1.9 | 3.1 | 2.3 | .0 | | | | | | | 7.8 | 8.7 |
| S | .5 | 2.0 | 4.3 | 1.6 | .3 | | | | | | | 8.6 | 8.6 |
| SSW | .6 | 1.6 | 2.2 | 1.0 | | | | | | | | 5.4 | 7.7 |
| SW | .2 | .9 | 1.9 | .3 | | | | | | | | 3.3 | 7.6 |
| WSW | .5 | 1.2 | .8 | .1 | | | | | | | | 2.6 | 6.2 |
| W | 1.5 | 1.5 | 1.2 | .2 | | | | | | | | 4.4 | 5.3 |
| WNW | 1.1 | 1.8 | 1.3 | .1 | | | | | | | | 4.4 | 5.5 |
| NW | 1.0 | 1.8 | .7 | .1 | | | | | | | | 3.6 | 5.0 |
| NNW | 1.1 | 1.6 | 1.4 | .4 | | | | | | | | 4.6 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.8 | |
| | 16.3 | 26.5 | 26.5 | 8.5 | .4 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 2618

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-74 YEARS MAY NORTH
ALL WEATHER 0600-0800
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 3.6 | 2.7 | .6 | .0 | | | | | | | 9.1 | 5.8 |
| NNE | 2.0 | 3.2 | 3.5 | .6 | .0 | | | | | | | 9.3 | 6.3 |
| NE | 1.7 | 3.7 | 2.9 | .5 | .1 | | | | | | | 8.8 | 6.1 |
| ENE | 1.1 | 2.1 | 2.4 | .2 | | | | | | | | 5.9 | 5.0 |
| E | .9 | 1.5 | 1.6 | .2 | | | | | | | | 4.1 | 6.1 |
| ESE | .1 | .7 | 1.4 | .7 | .1 | | | | | | | 3.0 | 8.7 |
| SE | .2 | 1.0 | 2.5 | 1.2 | .1 | | | | | | | 4.9 | 9.0 |
| SSE | .5 | 1.9 | 3.6 | 1.7 | .1 | | | | | | | 7.9 | 8.5 |
| S | .4 | 1.6 | 2.9 | 1.0 | .1 | .0 | | | | | | 6.0 | 8.1 |
| SSW | .2 | .9 | 2.3 | .6 | .1 | | .0 | | | | | 4.0 | 8.6 |
| SW | .4 | .6 | 2.2 | .4 | .1 | | | | | | | 3.7 | 7.9 |
| WSW | .4 | 1.0 | 1.3 | .2 | .0 | | | | | | | 2.9 | 7.0 |
| W | .9 | 1.5 | .9 | .2 | | | | | | | | 3.5 | 5.6 |
| WNW | 1.0 | 2.0 | 2.0 | .2 | | | | | | | | 5.1 | 6.1 |
| NW | 1.0 | 2.2 | 1.1 | .2 | | | | | | | | 4.4 | 5.6 |
| NNW | 1.4 | 1.9 | 1.6 | .4 | .0 | | | | | | | 5.4 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.0 | |
| | 14.5 | 29.3 | 34.7 | 8.8 | .7 | .0 | .0 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 3041

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI

42-74

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.7 | 2.5 | .9 | .1 | | | | | | | 7.4 | 6.8 |
| NNE | .8 | 1.7 | 2.8 | .5 | | | | | | | | 5.9 | 7.0 |
| NE | .7 | 1.8 | 1.9 | .5 | | | | | | | | 4.9 | 6.8 |
| ENE | .5 | 1.3 | 1.1 | .3 | | | | | | | | 3.3 | 6.5 |
| E | .6 | 1.3 | 1.5 | .5 | .1 | | | | | | | 4.0 | 6.9 |
| ESE | .3 | 1.4 | 2.6 | 2.2 | .2 | | | | | | | 6.7 | 9.3 |
| SE | .4 | 1.5 | 4.4 | 2.1 | .2 | .0 | | | | | | 3.6 | 9.2 |
| SSE | .5 | 3.1 | 7.4 | 2.9 | .2 | .0 | | | | | | 14.1 | 8.7 |
| S | .9 | 3.3 | 6.5 | 2.2 | .2 | | | | | | | 13.1 | 8.2 |
| SSW | .5 | 1.7 | 5.1 | 1.3 | .1 | | | | | | | 8.7 | 8.4 |
| SW | .1 | 1.1 | 3.1 | .8 | | | | | | | | 5.2 | 8.2 |
| WSW | .2 | .7 | .8 | .5 | | | | | | | | 2.2 | 7.8 |
| W | .4 | .7 | .8 | .2 | | | | | | | | 2.2 | 6.4 |
| WNW | .5 | 1.0 | 1.1 | .4 | .0 | | | | | | | 3.0 | 7.2 |
| NW | .5 | 1.1 | 1.1 | .1 | .0 | | | | | | | 2.8 | 6.2 |
| NNW | .9 | 1.4 | 1.4 | .6 | .0 | | | | | | | 4.3 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 8.9 | 26.0 | 44.1 | 15.9 | 1.2 | .1 | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS

3005

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N | .4 | 1.5 | 2.1 | .6 | .1 | | | | | | | 4.7 | 7.8 |
| NNE | .3 | .8 | 1.3 | .3 | .0 | | | | | | | 2.8 | 7.5 |
| NE | .2 | .3 | .7 | .2 | | | | | | | | 1.4 | 7.3 |
| ENE | .1 | .1 | .3 | .3 | | | | | | | | .8 | 8.1 |
| E | .1 | .3 | .6 | .4 | | | | | | | | 1.4 | 8.6 |
| ESE | .1 | .4 | 2.5 | 2.0 | .2 | | | | | | | 5.3 | 10.4 |
| SE | .3 | 1.2 | 4.5 | 3.6 | .2 | | | | | | | 9.8 | 10.0 |
| SSE | .2 | 2.1 | 10.7 | 5.5 | .4 | .1 | | | | | | 19.1 | 9.7 |
| S | .3 | 3.5 | 13.9 | 3.6 | .4 | .0 | | | | | | 21.7 | 8.9 |
| SSW | .2 | 1.9 | 8.8 | 4.4 | .1 | | | | | | | 15.4 | 9.4 |
| SW | .1 | .8 | 4.2 | 1.9 | .1 | .0 | | | | | | 7.0 | 9.5 |
| WSW | .1 | .2 | .9 | .5 | | | | | | | | 1.8 | 9.3 |
| W | .2 | .2 | .5 | .2 | .0 | | | | | | | 1.2 | 8.1 |
| WNW | .1 | .2 | .6 | .5 | .0 | .0 | | | | | | 1.4 | 10.0 |
| NW | .1 | .4 | .6 | .2 | .0 | | | | | | | 1.4 | 7.6 |
| NNW | .3 | .9 | 1.5 | .6 | .1 | .1 | | | | | | 3.6 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 3.1 | 14.7 | 53.8 | 24.9 | 1.7 | .3 | | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 3000

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 MAY
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | 1.3 | 2.3 | .8 | .0 | | | | | | | 4.7 | 8.2 |
| NNE | .5 | .4 | 1.4 | .3 | .0 | | | | | | | 2.6 | 7.4 |
| NE | .1 | .7 | .5 | .1 | | | | | | | | 1.4 | 6.5 |
| ENE | .1 | .1 | .2 | .0 | | | | | | | | .4 | 6.2 |
| E | .1 | .4 | .6 | .4 | | | | | | | | 1.4 | 8.6 |
| ESE | .1 | .4 | 2.4 | 1.9 | .1 | | | | | | | 4.9 | 10.2 |
| SE | .3 | 1.8 | 4.7 | 2.8 | .1 | | | | | | | 9.6 | 9.2 |
| SSE | .5 | 2.7 | 9.7 | 3.0 | .3 | .1 | | | | | | 16.2 | 9.0 |
| S | .4 | 3.7 | 13.2 | 4.3 | .4 | .0 | | | | | | 22.1 | 8.9 |
| SSW | .1 | 2.2 | 10.0 | 3.7 | .2 | | | | | | | 16.3 | 9.2 |
| SW | .4 | 1.8 | 4.2 | 2.0 | .1 | | | | | | | 8.4 | 8.8 |
| WSW | .2 | .7 | 1.5 | .9 | | .0 | | | | | | 3.3 | 8.9 |
| W | .1 | .4 | .4 | .2 | .1 | | | | | | | 1.2 | 8.1 |
| WNW | .1 | .1 | .5 | .3 | .1 | | | | | | | 1.1 | 9.8 |
| NW | | .3 | .9 | .3 | .0 | | | | | | | 1.5 | 8.9 |
| NNW | .1 | .8 | 1.8 | .5 | .1 | | | | | | | 3.4 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 3.2 | 17.8 | 54.2 | 21.5 | 1.7 | .1 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 2987

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-74 YEARS MAY MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 2.2 | 1.6 | .7 | .1 | | | | | | | 5.6 | 6.7 |
| NNE | .7 | 1.3 | 1.0 | .0 | .0 | | | | | | | 3.1 | 5.5 |
| NE | .5 | .5 | .4 | .0 | | | | | | | | 1.5 | 5.3 |
| ENE | .3 | .5 | .5 | | | | | | | | | 1.3 | 5.3 |
| E | .2 | .9 | .8 | .2 | .0 | | | | | | | 2.2 | 6.9 |
| ESE | .6 | 1.0 | 2.6 | 1.1 | .0 | | | | | | | 5.4 | 8.2 |
| SE | .6 | 1.7 | 3.8 | 1.4 | .1 | | | | | | | 7.6 | 8.3 |
| SSE | 1.8 | 4.7 | 5.9 | 2.2 | .2 | .1 | | | | | | 15.1 | 7.6 |
| S | 1.4 | 4.9 | 7.3 | 2.1 | .3 | | | | | | | 16.1 | 7.6 |
| SSW | .7 | 3.4 | 6.6 | 2.2 | .1 | | | | | | | 13.1 | 8.1 |
| SW | 1.1 | 2.2 | 3.3 | .7 | | | | | | | | 7.4 | 7.0 |
| WSW | .7 | 1.6 | 1.5 | .2 | | | | | | | | 4.0 | 6.2 |
| W | .4 | .8 | .5 | .1 | | | | | | | | 1.8 | 5.4 |
| WNW | .3 | .4 | .4 | | | | | | | | | 1.1 | 5.4 |
| NW | .4 | .6 | .4 | .1 | | | | | | | | 1.5 | 5.7 |
| NNW | .7 | 1.3 | .9 | .3 | | | | | | | | 3.1 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.2 | |
| | 11.5 | 28.2 | 37.6 | 11.3 | 1.0 | .1 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 2996

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WFAATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.8 | 1.4 | .4 | .1 | | | | | | | 4.8 | 6.3 |
| NNE | .9 | 1.5 | 1.0 | .2 | | | | | | | | 3.7 | 5.6 |
| NE | .9 | 1.6 | .9 | | .0 | | | | | | | 3.4 | 5.2 |
| ENE | .4 | .7 | .6 | .0 | | | | | | | | 1.6 | 5.8 |
| E | .8 | .6 | .6 | .2 | | | | | | | | 2.1 | 5.6 |
| ESE | .2 | .6 | 1.8 | .6 | .0 | | | | | | | 3.2 | 8.5 |
| SE | .6 | 1.2 | 3.5 | 1.5 | .0 | | | | | | | 6.9 | 8.5 |
| SSE | 1.5 | 2.7 | 5.3 | 3.4 | .3 | | | | | | | 13.2 | 8.6 |
| S | 1.1 | 3.4 | 5.4 | 2.1 | .4 | .1 | .0 | | | | | 12.5 | 8.2 |
| SSW | .5 | 2.0 | 4.9 | 1.7 | .0 | .0 | | | | | | 9.2 | 8.6 |
| SW | .5 | 2.1 | 2.6 | .9 | .1 | | | | | | | 6.2 | 7.6 |
| WSW | .9 | 1.3 | 1.8 | .5 | | | | | | | | 4.5 | 6.9 |
| W | .7 | 1.5 | .9 | .1 | .0 | | | | | | | 3.2 | 5.7 |
| WNW | .4 | .6 | .2 | .1 | | | | | | | | 1.3 | 5.2 |
| NW | .6 | .6 | .6 | .0 | | | | | | | | 1.8 | 5.4 |
| NNW | .6 | .7 | .7 | .0 | .0 | | | | | | | 2.1 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.2 | |
| | 11.8 | 22.0 | 32.2 | 11.8 | 1.1 | .2 | .0 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS

2536

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19820 STATION KEESELER AFB MISSISSIPPI/BILOXI 42-65, 71, 74 YEARS JUN MONTH
0000-0200 HOUR (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.1 | 1.1 | .2 | | | | | | | | 5.4 | 4.9 |
| NNE | 2.0 | 2.1 | 1.2 | | | | | | | | | 5.2 | 4.6 |
| NE | 1.3 | 2.6 | .6 | .1 | .0 | | | | | | | 4.7 | 4.9 |
| ENE | .8 | 1.5 | .6 | | .0 | | | | | | | 2.9 | 5.0 |
| E | .9 | 1.2 | .4 | .1 | | | | | | | | 2.7 | 4.6 |
| ESE | .3 | .5 | .4 | .3 | | | | | | | | 1.5 | 7.2 |
| SE | .2 | .4 | .6 | .3 | .2 | .0 | | | | | | 1.8 | 9.1 |
| SSE | .5 | 1.3 | 3.2 | 1.2 | .2 | .0 | | | | | | 6.5 | 8.9 |
| S | .8 | 2.7 | 5.3 | 1.2 | .1 | .1 | | | | | | 10.2 | 7.8 |
| SSW | .5 | 2.4 | 4.0 | 1.4 | .1 | | | | | | | 8.3 | 8.1 |
| SW | .7 | 2.2 | 4.4 | 1.0 | .0 | | | | | | | 8.4 | 7.7 |
| WSW | .7 | 2.4 | 2.4 | .4 | | | | | | | | 5.9 | 6.6 |
| W | 1.4 | 2.4 | 1.0 | .1 | | | | | | | | 4.8 | 5.0 |
| WNW | .8 | 1.1 | 1.1 | .1 | | | | | | | | 3.1 | 5.6 |
| NW | 1.2 | 1.2 | .3 | | | | | | | | | 2.7 | 4.2 |
| NNW | .9 | .8 | .1 | .1 | | | | | | | | 2.0 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.9 | |
| | 14.8 | 26.9 | 26.9 | 6.5 | .7 | .2 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 2251

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-65,67-74 YEARS JUN MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.3 | 3.1 | 1.6 | .1 | | | | | | | | 8.1 | 4.5 |
| NNE | 2.5 | 2.4 | 1.9 | .0 | | | | | | | | 6.8 | 5.0 |
| NE | 1.8 | 3.1 | .9 | | | | | | | | | 5.8 | 4.5 |
| ENE | .7 | 1.6 | .8 | .0 | | | | | | | | 3.2 | 5.2 |
| E | .4 | .8 | .4 | .1 | | | | | | | | 1.6 | 5.5 |
| ESE | .2 | .2 | .5 | .0 | .1 | | | | | | | 1.1 | 8.3 |
| SE | .1 | .3 | .4 | .2 | .0 | .0 | | | | | | 1.0 | 8.9 |
| SSE | .3 | 1.2 | 1.9 | .7 | .1 | | | | | | | 4.2 | 8.4 |
| S | .7 | 1.6 | 2.9 | 1.0 | .2 | .0 | | | | | | 6.4 | 7.9 |
| SSW | .4 | 1.6 | 2.5 | .6 | .2 | .0 | | | | | | 5.3 | 8.0 |
| SW | .6 | 1.4 | 2.2 | .6 | | | | | | | | 4.8 | 7.2 |
| WSW | .9 | 1.8 | 1.8 | .2 | | | | | | | | 4.6 | 6.0 |
| W | 2.7 | 3.0 | 1.8 | .1 | | | | | | | | 7.6 | 5.1 |
| WNW | 1.6 | 2.6 | 1.5 | .1 | | | | | | | | 5.8 | 5.4 |
| NW | 1.9 | 1.8 | .4 | .0 | | | | | | | | 4.2 | 4.1 |
| NNW | 1.0 | 1.6 | .7 | .1 | .0 | | | | | | | 3.5 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.0 | |
| | 19.0 | 28.0 | 22.3 | 3.9 | .7 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2556

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13320

STATION

KEESLER AFB MISSISSIPPI/BILUXI

STATION NAME

42-74

YEARS

JUN

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 4.2 | 2.5 | .1 | | | | | | | | 9.9 | 5.1 |
| NNE | 2.9 | 4.0 | 2.3 | .1 | | | | | | | | 9.4 | 5.1 |
| NE | 2.0 | 3.6 | 2.5 | .0 | | | | | | | | 8.1 | 5.3 |
| ENE | 1.3 | 3.5 | 1.5 | .0 | | | | | | | | 6.4 | 5.2 |
| E | .6 | 1.3 | .9 | .0 | | | | | | | | 2.9 | 5.7 |
| ESE | .2 | .3 | .7 | .1 | | | | | | | | 1.3 | 7.2 |
| SE | .3 | .9 | 1.0 | .2 | | | | | | | | 2.3 | 6.6 |
| SSE | .3 | 1.2 | 1.7 | .6 | .1 | | | | | | | 3.9 | 8.0 |
| S | .5 | 2.0 | 2.2 | .4 | | | | | | | | 5.1 | 6.9 |
| SSW | .1 | 1.0 | 1.8 | .3 | .0 | | | | | | | 3.2 | 7.8 |
| SW | .3 | .8 | 1.5 | .7 | .1 | | | | | | | 3.5 | 8.2 |
| WSW | .4 | .8 | 1.7 | .2 | | .0 | | | | | | 3.2 | 7.1 |
| W | 1.1 | 2.2 | 2.2 | .2 | | | | | | | | 5.8 | 6.3 |
| WNW | 1.6 | 2.6 | 2.7 | .4 | | | | | | | | 7.4 | 6.1 |
| NW | 1.9 | 2.3 | 1.9 | .0 | | | | | | | | 6.1 | 5.3 |
| NNW | 1.6 | 1.9 | 1.1 | .1 | | | | | | | | 4.6 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.1 | |
| | 18.1 | 32.6 | 28.3 | 3.7 | .2 | .0 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

2909

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI STATION NAME 42-74 YEARS JUN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 2.0 | 1.8 | .2 | | | | | | | | 6.4 | 5.3 |
| NNE | 1.0 | 2.1 | 1.7 | .3 | | | | | | | | 5.1 | 6.2 |
| NE | .7 | 1.6 | 1.4 | .1 | | | | | | | | 3.8 | 5.9 |
| ENE | .7 | 1.2 | 1.6 | .1 | | | | | | | | 3.7 | 6.3 |
| E | .5 | 1.4 | 1.2 | .3 | .1 | | | | | | | 3.5 | 6.7 |
| ESE | .3 | 1.1 | 1.8 | 1.0 | | | | | | | | 4.2 | 8.0 |
| SE | .2 | 1.4 | 3.4 | 1.0 | | | | | | | | 6.0 | 8.2 |
| SSE | .8 | 3.5 | 5.8 | 1.1 | .2 | | | | | | | 11.5 | 7.7 |
| S | 1.2 | 4.2 | 6.0 | .8 | .0 | | | | | | | 12.2 | 6.9 |
| SSW | .5 | 3.2 | 5.8 | 1.3 | .1 | | | | | | | 10.9 | 7.8 |
| SW | .4 | 1.4 | 2.9 | 1.0 | .0 | | | | | | | 5.8 | 8.1 |
| WSW | .3 | .9 | 1.7 | .7 | .0 | | | | | | | 3.7 | 8.1 |
| W | .6 | 1.7 | 1.6 | .3 | | | | | | | | 4.2 | 6.5 |
| WNW | 1.1 | 1.7 | 1.6 | .3 | .0 | | | | | | | 4.8 | 6.2 |
| NW | 1.1 | 1.3 | .9 | .3 | | | | | | | | 3.5 | 5.5 |
| NNW | 1.1 | 1.8 | 1.0 | .1 | | | | | | | | 4.0 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 13.0 | 30.5 | 40.3 | 8.9 | .5 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 2903

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILDX1 42-74 YEARS JUN MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.4 | 1.5 | .1 | .1 | | | | | | | 3.6 | 6.8 |
| NNE | .3 | .8 | .9 | .4 | .0 | | | | | | | 2.4 | 7.7 |
| NE | .3 | .4 | .7 | .1 | | | | | | | | 1.5 | 6.5 |
| ENE | .2 | .4 | .6 | .3 | .1 | .0 | | | | | | 1.6 | 8.3 |
| E | .2 | .5 | .7 | .3 | | | | | | | | 1.8 | 7.6 |
| ESE | .1 | .5 | 1.6 | 1.3 | .0 | | | | | | | 3.6 | 9.7 |
| SE | .2 | .7 | 4.0 | 2.0 | .1 | | | | | | | 7.0 | 9.3 |
| SSE | .5 | 2.4 | 10.5 | 2.5 | .2 | | | | | | | 16.2 | 8.7 |
| S | .7 | 4.7 | 14.1 | 3.1 | .0 | .0 | | | | | | 22.7 | 8.2 |
| SSW | .2 | 2.7 | 11.3 | 4.6 | .1 | | | | | | | 18.8 | 9.2 |
| SW | .2 | .9 | 5.8 | 3.3 | .1 | | | | | | | 10.3 | 9.7 |
| WSW | .2 | .5 | 1.0 | .8 | .1 | | | | | | | 2.7 | 9.2 |
| W | .2 | .4 | .3 | .5 | .0 | | | | | | | 1.4 | 8.6 |
| WNW | .1 | .5 | .9 | .2 | .0 | | | | | | | 1.7 | 7.9 |
| NW | .2 | .3 | .5 | .1 | | | | | | | | 1.0 | 7.0 |
| NNW | .3 | .5 | .6 | .2 | .1 | | | | | | | 1.6 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 4.5 | 17.8 | 54.9 | 19.8 | 1.0 | .1 | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 2915

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-74 YEARS JUN MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N | .3 | 1.0 | 1.8 | .5 | | | | | | | | 3.7 | 7.7 |
| NNE | .3 | .4 | .8 | .1 | | .0 | | | | | | 1.7 | 7.0 |
| NE | .2 | .4 | .5 | .1 | | | | | | | | 1.2 | 7.0 |
| ENE | .2 | .5 | .5 | .2 | | | | | | | | 1.4 | 7.2 |
| E | .3 | .6 | .6 | .3 | | | | | | | | 1.7 | 7.3 |
| ESE | .2 | .5 | 1.0 | .9 | .0 | .0 | | | | | | 2.7 | 9.3 |
| SE | .2 | .9 | 2.6 | 1.0 | | .0 | | | | | | 4.8 | 8.7 |
| SSE | .7 | 3.3 | 9.6 | 2.4 | .1 | | | | | | | 16.2 | 8.4 |
| S | .7 | 4.6 | 14.4 | 3.0 | .0 | .0 | | | | | | 22.8 | 8.3 |
| SSW | .5 | 2.3 | 11.2 | 4.7 | .4 | | | | | | | 19.2 | 9.3 |
| SW | .5 | 1.9 | 5.3 | 2.1 | .1 | .0 | | | | | | 9.9 | 8.7 |
| WSW | .3 | .9 | 2.2 | .9 | .1 | | | | | | | 4.4 | 8.7 |
| W | .2 | 1.1 | 1.0 | .3 | | | | | | | | 2.6 | 7.3 |
| WNW | .1 | .3 | .9 | .1 | .0 | | | | | | | 1.5 | 7.8 |
| NW | .3 | .3 | .5 | .1 | | | | | | | | 1.3 | 6.7 |
| NNW | .3 | .9 | .6 | .2 | .0 | | | | | | | 2.0 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.0 | |
| | 5.3 | 19.9 | 53.6 | 17.0 | .9 | .2 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 2925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-74 YEARS JUN MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 1.6 | 1.1 | .2 | | | | | | | | 4.3 | 5.2 |
| NNE | .6 | .9 | .8 | .2 | .0 | | | | | | | 2.5 | 6.2 |
| NE | .4 | .9 | .5 | .0 | .0 | | | | | | | 2.0 | 5.4 |
| ENE | .5 | .8 | .5 | .0 | | | | | | | | 1.9 | 5.1 |
| E | .7 | 1.0 | .6 | .0 | .0 | | | | | | | 2.3 | 5.2 |
| ESE | .4 | .9 | .9 | .4 | | | | | | | | 2.6 | 7.0 |
| SE | .5 | 1.6 | 2.0 | .5 | .1 | | | | | | | 4.7 | 7.3 |
| SSE | 1.6 | 3.0 | 4.6 | 1.3 | .2 | | | | | | | 10.7 | 7.4 |
| S | 1.8 | 5.8 | 8.1 | 1.4 | .1 | | | | | | | 17.3 | 7.0 |
| SSW | 1.6 | 4.0 | 6.6 | 1.9 | .2 | | | | | | | 14.3 | 7.5 |
| SW | 1.5 | 3.1 | 3.4 | .8 | .1 | | | | | | | 8.9 | 6.8 |
| WSW | .5 | 2.6 | 1.5 | .4 | | | | | | | | 5.4 | 6.0 |
| W | 1.2 | 1.9 | .9 | | | | | | | | | 4.0 | 5.0 |
| WNW | .7 | .9 | .3 | .0 | | .0 | | | | | | 2.0 | 5.1 |
| NW | .6 | .5 | .4 | .0 | | | .0 | | | | | 1.6 | 5.6 |
| NNW | .6 | .8 | .7 | | | | | | | | | 2.2 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 15.0 | 30.3 | 32.9 | 7.4 | .8 | .0 | .0 | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 2918

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS JUN MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.0 | .9 | .1 | | | | | | | | 4.4 | 5.1 |
| NNE | 1.4 | 1.9 | 1.1 | .1 | .1 | .0 | | | | | | 4.6 | 5.4 |
| NE | 1.6 | 1.8 | .7 | | | | | | | | | 4.1 | 4.4 |
| ENE | .9 | 1.5 | .6 | .0 | | | | | | | | 3.0 | 5.0 |
| E | .8 | .4 | .3 | .0 | | | | | | | | 1.5 | 4.4 |
| ESE | .5 | .7 | 1.2 | .2 | | | .0 | | | | | 2.6 | 7.0 |
| SE | .3 | 1.2 | 1.6 | .3 | .0 | | | | | | | 3.4 | 6.9 |
| SSE | .6 | 2.2 | 4.2 | 1.8 | .1 | | | | | | | 8.9 | 8.2 |
| S | 1.3 | 4.3 | 5.5 | 1.4 | .2 | .1 | | | | | | 12.8 | 7.4 |
| SSW | .9 | 3.1 | 4.8 | 1.3 | .1 | .0 | | | | | | 10.2 | 7.6 |
| SW | 1.2 | 2.5 | 3.0 | 1.3 | .2 | | | | | | | 8.2 | 7.4 |
| WSW | .9 | 1.2 | 2.1 | .2 | .0 | | | | | | | 4.4 | 6.7 |
| W | 1.0 | 1.4 | .8 | .1 | | | | | | | | 3.3 | 5.2 |
| WNW | .8 | 1.1 | .5 | .0 | | | | | | | | 2.5 | 5.0 |
| NW | .7 | .7 | .3 | | | | | | | | | 1.7 | 4.5 |
| N. V | .5 | .8 | .4 | .2 | | | | | | | | 2.0 | 5.5 |
| VAR. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.2 | |
| | 14.7 | 26.9 | 28.1 | 7.1 | .8 | .2 | .0 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 2499

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILLOXI 42-65,73-74 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

0000-0200
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 1.7 | 1.0 | | | | | | | | | 5.3 | 4.2 |
| NNE | 1.9 | 1.8 | .6 | .1 | .1 | | | | | | | 4.4 | 4.6 |
| NE | 2.0 | 2.0 | .7 | .0 | | | | | | | | 4.7 | 4.3 |
| ENE | 1.3 | 1.7 | .6 | .0 | | | | | | | | 3.5 | 4.7 |
| E | .7 | 1.0 | .3 | .1 | | | | | | | | 2.0 | 4.8 |
| ESE | .5 | .3 | .9 | .3 | | | | | | | | 1.9 | 7.4 |
| SE | .1 | .2 | .9 | .0 | | | | | | | | 1.2 | 7.7 |
| SSE | .3 | .8 | 1.3 | .6 | .0 | | | | | | | 3.0 | 7.8 |
| S | .9 | 2.5 | 2.8 | .3 | .0 | | | | | | | 6.6 | 6.6 |
| SSW | .3 | 2.1 | 2.5 | .3 | .0 | | | | | | | 5.3 | 7.0 |
| SW | .8 | 2.0 | 2.9 | .6 | .1 | | | | | | | 6.4 | 7.2 |
| WSW | 1.0 | 1.9 | 2.0 | .5 | .1 | | | | | | | 5.5 | 6.8 |
| W | 2.0 | 4.4 | 2.7 | .0 | | | | | | | | 9.2 | 5.4 |
| WNW | .7 | 1.9 | 1.1 | .0 | | | | | | | | 3.8 | 5.3 |
| NW | 1.4 | 1.9 | .4 | .0 | | | | | | | | 3.8 | 4.3 |
| NNW | 1.0 | .9 | .5 | .0 | | | | | | | | 2.5 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.9 | |
| | 17.5 | 27.1 | 21.1 | 3.0 | .4 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2361

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KESLER AFB MISSISSIPPI/BILOXI 42-65,67-74 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|----|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.6 | 3.5 | 1.0 | | | | | | | | | 8.1 | 4.1 |
| NNE | 2.5 | 3.0 | .9 | .1 | | | | | | | | 6.6 | 4.5 |
| NE | 2.6 | 2.5 | .7 | .0 | | | | | | | | 5.8 | 4.2 |
| ENE | 1.0 | 1.6 | .5 | | | | | | | | | 3.1 | 4.5 |
| E | .4 | .5 | .0 | | | | | | | | | 1.0 | 4.2 |
| ESE | .2 | .3 | .3 | .4 | | | | | | | | 1.1 | 8.4 |
| SE | .3 | .5 | .1 | .0 | | | | | | | | .9 | 5.0 |
| SSE | .3 | .6 | .7 | .3 | | | | | | | | 1.9 | 7.0 |
| S | .6 | 1.2 | 1.3 | .3 | .0 | | | | | | | 3.4 | 6.7 |
| SSW | .3 | 1.0 | 1.2 | .4 | | | | | | | | 2.9 | 7.3 |
| SW | .5 | 1.5 | 1.7 | .3 | .1 | | | | | | | 4.2 | 7.0 |
| WSW | 1.0 | 1.9 | .9 | .2 | .0 | | | | | | | 4.2 | 5.7 |
| W | 2.2 | 4.5 | 2.3 | .3 | .0 | | | | | | | 9.3 | 5.4 |
| WNW | 1.2 | 3.1 | 1.9 | .1 | .0 | | | | | | | 6.3 | 5.6 |
| NW | 2.3 | 2.6 | .8 | .1 | | | | | | | | 5.8 | 4.4 |
| NNW | 1.8 | 1.1 | .5 | .0 | | | | | | | | 3.4 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.1 | |
| | 20.9 | 29.4 | 14.8 | 2.5 | .3 | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 2741

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-74 YEARS JUL MONTH
ALL WEATHER CLAS
0600-0800 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.5 | 3.9 | 1.2 | .1 | | | | | | | | 8.7 | 4.4 |
| NNE | 3.2 | 4.2 | 2.4 | .1 | .0 | | | | | | | 9.9 | 4.9 |
| NE | 2.6 | 2.9 | 1.4 | .0 | | | | | | | | 7.0 | 4.6 |
| ENE | 1.5 | 2.4 | 1.4 | .0 | | | | | | | | 5.3 | 5.1 |
| E | .8 | 1.4 | .4 | .0 | | | | | | | | 2.7 | 4.9 |
| ESE | .2 | .5 | .4 | .1 | .0 | | | | | | | 1.2 | 6.9 |
| SE | .2 | .4 | .3 | .1 | | | | | | | | 1.0 | 5.8 |
| SSE | .3 | .6 | .6 | .2 | | | | | | | | 1.7 | 6.8 |
| S | .3 | 1.0 | 1.1 | .2 | | | | | | | | 2.7 | 7.0 |
| SSW | .3 | .9 | .8 | .1 | .0 | | | | | | | 2.1 | 6.5 |
| SW | .3 | .9 | .9 | .2 | .0 | | | | | | | 2.3 | 7.3 |
| WSW | .3 | 1.3 | 1.2 | .2 | .0 | | | | | | | 3.0 | 6.8 |
| W | 1.3 | 3.3 | 3.0 | .6 | | | | | | | | 8.2 | 6.3 |
| WNW | 1.9 | 3.5 | 2.8 | .6 | | | | | | | | 8.8 | 6.1 |
| NW | 2.2 | 4.2 | 1.9 | .2 | .0 | | | | | | | 8.6 | 5.1 |
| NNW | 2.3 | 2.6 | 1.3 | .1 | | | | | | | | 6.3 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.5 | |
| | 21.2 | 34.1 | 21.2 | 2.8 | .2 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 3089

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 3.6 | 1.1 | .1 | | .0 | | | | | | 7.3 | 4.8 |
| NNE | .9 | 1.8 | 1.4 | .2 | .0 | | | | | | | 4.3 | 6.0 |
| NE | .9 | 1.6 | 1.3 | .1 | | | | | | | | 3.8 | 5.5 |
| ENE | .7 | 1.8 | 1.3 | .1 | .1 | | | | | | | 3.9 | 6.0 |
| E | 1.0 | 1.9 | .9 | .2 | | | | | | | | 3.9 | 5.4 |
| ESE | .3 | 1.0 | 1.6 | .4 | | | | | | | | 3.3 | 7.5 |
| SE | .4 | 1.6 | 2.3 | .3 | .0 | | | | | | | 4.7 | 7.1 |
| SSE | .9 | 2.3 | 3.6 | .3 | .0 | | | | | | | 7.1 | 6.8 |
| S | 1.1 | 4.2 | 4.9 | .4 | .0 | | | | | | | 10.6 | 6.5 |
| SSW | .7 | 3.4 | 5.1 | .7 | .1 | .0 | | | | | | 10.1 | 7.4 |
| SW | .5 | 1.3 | 3.0 | .8 | .1 | .0 | | | | | | 5.7 | 7.9 |
| WSW | .5 | .9 | 1.5 | .4 | .0 | | | | | | | 3.3 | 7.4 |
| W | 1.0 | 2.5 | 2.3 | .5 | .0 | | | | | | | 6.3 | 6.4 |
| WNW | 1.6 | 2.0 | 3.0 | .6 | | .0 | | | | | | 7.1 | 6.5 |
| NW | 1.3 | 2.6 | 1.5 | .1 | | | | | | | | 5.4 | 5.5 |
| NNW | 1.6 | 2.4 | 1.0 | .3 | | | | | | | | 5.2 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 15.8 | 35.0 | 35.7 | 5.2 | .4 | .1 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 3095

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILUXI 42-74 YEARS JUL MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.4 | 1.1 | .2 | .1 | | | | | | | 3.5 | 6.3 |
| NNE | .4 | 1.2 | .8 | .2 | | | | | | | | 2.5 | 6.1 |
| NE | .3 | .5 | .6 | .1 | .0 | | | | | | | 1.6 | 6.4 |
| ENE | .2 | .4 | .4 | .1 | .0 | | | | | | | 1.0 | 6.8 |
| E | .4 | .4 | .7 | .2 | | | | | | | | 1.7 | 6.8 |
| ESE | .1 | .8 | 1.7 | .7 | .1 | | | | | | | 3.4 | 8.9 |
| SE | .3 | 1.1 | 3.6 | .9 | | .0 | | | | | | 5.9 | 8.3 |
| SSE | .3 | 2.6 | 8.3 | 1.4 | .0 | | | | | | | 12.7 | 8.3 |
| S | .7 | 4.7 | 13.6 | 1.9 | .1 | | | | | | | 20.9 | 8.0 |
| SSW | .6 | 2.5 | 12.7 | 3.5 | .2 | | | | | | | 19.5 | 8.9 |
| SW | .2 | 1.4 | 5.7 | 3.3 | .4 | | | | | | | 11.0 | 9.7 |
| WSW | .4 | .7 | 1.5 | .9 | .1 | .0 | | | | | | 3.7 | 8.7 |
| W | .4 | .8 | 1.3 | .4 | | | | | | | | 2.9 | 7.3 |
| WNW | .2 | .8 | 1.0 | .4 | | | | | | | | 2.3 | 7.6 |
| NW | .5 | .9 | .6 | .1 | | | | | | | | 2.1 | 5.5 |
| NNW | .4 | .8 | .8 | .1 | .0 | | | | | | | 2.1 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 5.9 | 21.1 | 54.5 | 14.1 | 1.1 | .1 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 3127

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.6 | .8 | .3 | | | | | | | | 3.2 | 6.3 |
| NNE | .4 | 1.0 | .8 | .4 | | | | | | | | 2.6 | 6.9 |
| NE | .3 | .7 | .5 | | .0 | | | | | | | 1.5 | 5.7 |
| ENE | .3 | .2 | .7 | .2 | .0 | .0 | | | | | | 1.5 | 7.9 |
| E | .6 | 1.0 | .8 | .2 | | | | | | | | 2.5 | 6.2 |
| ESE | .3 | .8 | 1.1 | .5 | | | | | | | | 2.8 | 7.5 |
| SE | .3 | 1.2 | 2.3 | .8 | | | | | | | | 4.6 | 7.9 |
| SSE | .6 | 2.4 | 6.5 | 1.2 | .1 | | | | | | | 10.8 | 8.0 |
| S | 1.0 | 5.6 | 11.8 | 1.7 | .1 | | | | | | | 20.2 | 7.6 |
| SSW | .7 | 2.9 | 10.0 | 3.7 | .2 | | | | | | | 17.4 | 8.8 |
| SW | .5 | 1.8 | 7.2 | 2.7 | .1 | | | | | | | 12.4 | 9.0 |
| WSW | .3 | 1.2 | 2.9 | 1.7 | .2 | | | | | | | 6.2 | 8.9 |
| W | .6 | 1.5 | 1.3 | .2 | .0 | | | | | | | 3.7 | 6.2 |
| WNW | .4 | .9 | .7 | .1 | | | | | | | | 2.1 | 6.0 |
| NW | .3 | 1.1 | .3 | .1 | | | | | | | | 1.8 | 5.4 |
| NNW | .4 | .9 | .6 | .2 | | | | | | | | 2.1 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 7.5 | 24.8 | 48.4 | 13.9 | .7 | .0 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS

3151

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILOXI 42-74 JUL
STATION MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER

CLARE

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 1.5 | .8 | .1 | .1 | | | | | | | 3.9 | 5.2 |
| NNE | 1.0 | 1.5 | .8 | .1 | | | | | | | | 3.5 | 5.1 |
| NE | .5 | 1.3 | .6 | .1 | | | | | | | | 2.5 | 5.3 |
| ENE | .7 | .9 | .6 | .1 | | | | | | | | 2.3 | 5.5 |
| E | .9 | 1.2 | .5 | .1 | | | | | | | | 2.7 | 5.0 |
| ESE | .8 | .9 | .8 | .2 | .0 | | | | | | | 2.6 | 6.0 |
| SE | 1.4 | 1.4 | 1.5 | .2 | | | | | | | | 4.5 | 5.6 |
| SSE | 1.1 | 2.4 | 2.7 | .3 | | | | | | | | 6.6 | 6.4 |
| S | 2.2 | 6.4 | 4.5 | .6 | .1 | | | | | | | 13.8 | 6.1 |
| SSW | 1.5 | 4.1 | 5.1 | 1.4 | .1 | | | | | | | 12.2 | 7.2 |
| SW | 1.1 | 3.8 | 4.0 | .8 | .0 | | | | | | | 9.7 | 6.8 |
| WSW | 1.1 | 2.7 | 2.2 | .4 | | | | | | | | 6.3 | 6.2 |
| W | 1.3 | 2.4 | 1.2 | .2 | | | | | | | | 5.2 | 5.3 |
| WNW | .3 | 1.0 | .7 | .0 | | .0 | | | | | | 2.1 | 6.2 |
| NW | .8 | .9 | .5 | .1 | | | | | | | | 2.3 | 5.1 |
| NNW | .9 | .8 | .4 | .2 | | | | | | | | 2.3 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.7 | |
| | 17.0 | 33.2 | 26.9 | 4.7 | .4 | .0 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 3066

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 1.9 | .7 | .1 | .0 | | | | | | | 4.6 | 4.7 |
| NNE | 1.5 | 2.2 | 1.0 | .1 | | | | | | | | 4.8 | 5.1 |
| NE | 1.4 | 2.6 | .8 | | | | | | | | | 4.8 | 4.8 |
| ENE | 1.1 | 1.4 | .5 | .1 | | | | | | | | 3.0 | 4.9 |
| E | 1.0 | 1.2 | .4 | .0 | | | | | | | | 2.7 | 4.5 |
| ESE | .6 | .7 | .6 | .3 | .0 | | | | | | | 2.1 | 6.3 |
| SE | .6 | 1.1 | 1.2 | .1 | | | | | | | | 3.0 | 6.1 |
| SSE | 1.1 | 1.9 | 2.6 | .3 | | | | | | | | 6.0 | 6.3 |
| S | 1.5 | 4.0 | 2.6 | .5 | | | | | | | | 8.6 | 6.0 |
| SSW | .8 | 2.8 | 3.4 | .4 | | | | | | | | 7.5 | 6.7 |
| SW | .9 | 2.3 | 2.9 | .7 | .1 | | | | | | | 6.9 | 7.2 |
| WSW | 1.0 | 1.7 | 2.3 | .4 | .0 | | | | | | | 5.5 | 6.7 |
| W | 1.9 | 3.0 | 1.2 | .0 | | | | | | | | 6.1 | 4.6 |
| WNW | .8 | 1.0 | .5 | | | | | | | | | 2.4 | 4.7 |
| NW | .9 | .9 | .3 | | | | | | | | | 2.2 | 4.3 |
| NNW | .9 | .5 | .3 | | | | | | | | | 1.6 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.1 | |
| | 17.8 | 29.3 | 21.4 | 3.1 | .2 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 2672

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-65,69,73-74 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.9 | 3.3 | .8 | .0 | | | | | | | | 7.0 | 4.1 |
| NNE | 3.0 | 3.0 | 1.3 | .1 | | | | | | | | 7.5 | 4.6 |
| NE | 3.1 | 4.0 | 1.6 | .0 | | | | | | | | 8.7 | 4.6 |
| ENE | 1.3 | 2.9 | 1.1 | | | | | | | | | 5.3 | 5.0 |
| E | .9 | 1.1 | .6 | .1 | | | | | | | | 2.8 | 5.2 |
| ESE | .2 | .3 | .6 | .2 | | | | | | | | 1.3 | 7.2 |
| SE | .3 | .4 | .5 | .1 | | | | | | | | 1.3 | 6.2 |
| SSE | .3 | 1.2 | 1.1 | .3 | .2 | | | | | | .0 | 3.0 | 8.2 |
| S | .7 | 1.7 | 2.0 | .4 | | | | .0 | .0 | | | 4.8 | 7.3 |
| SSW | .4 | .9 | 2.0 | .3 | | | | | | | | 3.7 | 7.2 |
| SW | .9 | 1.2 | 1.9 | .4 | | | | | | | | 4.3 | 6.6 |
| WSW | .6 | 1.0 | 1.4 | .4 | | | | | | | | 3.4 | 6.6 |
| W | 1.5 | 3.1 | 1.4 | .1 | | | | | | | | 6.1 | 5.1 |
| WNW | 1.1 | 1.5 | .6 | .2 | | | | | | | | 3.4 | 5.2 |
| NW | 1.8 | 1.6 | .9 | .0 | | | | | | | | 4.4 | 4.7 |
| NNW | 1.6 | 1.3 | .7 | .1 | | | | | | | | 3.6 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.4 | |
| | 20.6 | 28.5 | 18.5 | 2.6 | .2 | | | .0 | .0 | | .0 | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2464

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-65,67-74 AUG
STATION STATION NAME YEARS MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.5 | 4.5 | 1.5 | .1 | | | | | | | | 11.6 | 4.1 |
| NNE | 4.3 | 4.2 | 1.5 | .1 | .0 | | | | | | | 10.2 | 4.4 |
| NE | 2.8 | 3.9 | 2.2 | .1 | | | | | | | | 9.0 | 5.0 |
| ENE | .9 | 1.8 | 1.4 | .1 | | | | | | | | 4.2 | 5.8 |
| E | .6 | 1.1 | .6 | .1 | | | | | | | | 2.4 | 5.5 |
| ESE | .1 | .3 | .2 | .0 | | | | | | | | .6 | 6.1 |
| SE | .1 | .1 | .5 | .1 | .0 | | | | | | | .8 | 8.5 |
| SSE | .3 | .5 | .5 | .1 | .1 | .0 | | | | | | 1.5 | 7.4 |
| S | .3 | .7 | 1.0 | .1 | | .0 | | .0 | .0 | | | 2.2 | 7.8 |
| SSW | .4 | .4 | 1.0 | .1 | .0 | | | | | | | 2.0 | 7.2 |
| SW | .3 | .9 | 1.0 | .3 | | | | | | | | 2.4 | 6.7 |
| WSW | .3 | 1.3 | .8 | .1 | | | | | | | | 2.5 | 6.1 |
| W | 1.9 | 2.8 | 2.0 | | | | | | | | | 6.7 | 5.2 |
| WNW | 1.2 | 1.7 | 1.6 | .3 | | | | | | | | 4.7 | 5.8 |
| NW | 2.0 | 2.1 | 1.4 | .0 | | | | | | | | 5.6 | 4.8 |
| NNW | 1.8 | 1.9 | .9 | .1 | | | | | | | | 4.7 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.1 | |
| | 22.7 | 28.3 | 18.1 | 1.6 | .2 | .1 | | .0 | .0 | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 2796

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-74 YEARS
AUG MONTH
ALL WEATHER CLASS
0600-0800 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 7.1 | 5.4 | 2.0 | .2 | | | | | | | | 14.6 | 4.2 |
| NNE | 4.2 | 5.7 | 2.7 | .1 | .1 | | | | | | | 12.8 | 4.9 |
| NE | 3.2 | 5.3 | 3.1 | .1 | | | | | | | | 11.7 | 5.2 |
| ENE | 1.3 | 2.5 | 2.7 | .2 | | | | | | | | 6.8 | 6.0 |
| E | .5 | 1.4 | 1.4 | .1 | | | | | | | | 3.3 | 6.2 |
| ESE | .4 | .4 | .5 | .1 | | | | | | | | 1.4 | 6.0 |
| SE | .2 | .2 | .3 | .1 | | | | | | | | .7 | 6.9 |
| SSE | .2 | .4 | .4 | | | | | | | | | 1.0 | 5.8 |
| S | .3 | .5 | .6 | .2 | .1 | | | | | | | 1.7 | 7.0 |
| SSW | .2 | .3 | .6 | .1 | .1 | | | | | | | 1.3 | 8.1 |
| SW | .2 | .4 | .6 | .3 | | | | | | | | 1.4 | 7.2 |
| WSW | .3 | .6 | .6 | .2 | | | | | | | | 1.7 | 6.4 |
| W | .9 | 2.0 | 1.5 | .1 | | | | | | | | 4.5 | 5.7 |
| WNW | 1.2 | 2.2 | 2.0 | .4 | | | | | | | | 5.8 | 6.2 |
| NW | 1.5 | 2.3 | 1.8 | .4 | | | | | | | | 6.0 | 5.7 |
| NNW | 1.9 | 2.2 | 1.5 | .1 | | | | | | | | 5.8 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.5 | |
| | 23.4 | 31.9 | 22.2 | 2.6 | .3 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 3102

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.1 | 4.1 | 2.3 | .3 | | | | | | | | 9.8 | 5.0 |
| NNE | 1.9 | 3.2 | 2.1 | .2 | | | | | | | | 7.4 | 5.5 |
| NE | 1.0 | 2.6 | 1.9 | .3 | | | | | | | | 5.8 | 6.0 |
| ENE | 1.0 | 2.4 | 2.4 | .5 | | | | | | | | 6.3 | 6.4 |
| E | 1.2 | 2.2 | 1.8 | .4 | .0 | | | | | | | 5.6 | 6.2 |
| ESE | .4 | 1.3 | 1.6 | .5 | .1 | | | | | | | 3.9 | 7.3 |
| SE | .6 | 1.3 | 2.0 | .4 | | | | | | | | 4.3 | 7.0 |
| SSE | .6 | 2.4 | 2.5 | .5 | | | | | | | | 5.9 | 6.8 |
| S | 1.3 | 3.7 | 3.6 | .5 | .0 | | | | | | | 9.1 | 6.4 |
| SSW | .6 | 2.6 | 4.1 | .7 | .0 | | | | | | | 8.1 | 7.3 |
| SW | .4 | 1.1 | 2.6 | .4 | .0 | | | | | | | 4.5 | 7.7 |
| WSW | .3 | .9 | 1.1 | .1 | | | | | | | | 2.4 | 6.5 |
| W | 1.0 | 1.5 | 1.4 | .3 | | | | | | | | 4.1 | 6.0 |
| WNW | 1.3 | 2.0 | 2.0 | .2 | | | | | | | | 5.4 | 5.9 |
| NW | .8 | 1.2 | 1.5 | .2 | | | | | | | | 3.8 | 6.2 |
| NNW | 1.4 | 1.5 | 1.1 | .1 | | | | .0 | | | | 4.1 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.5 | |
| | 16.7 | 34.2 | 33.5 | 5.5 | .2 | | | .0 | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 3111

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.7 | 1.6 | .3 | .1 | .0 | | | | | | 4.9 | 6.3 |
| NNE | .6 | 1.2 | 1.0 | .4 | .0 | | | | | | | 3.2 | 6.7 |
| NE | .3 | 1.0 | 1.2 | .3 | .0 | | | | | | | 2.8 | 7.3 |
| ENE | .3 | .8 | 1.1 | .3 | .1 | | | | | | | 2.6 | 7.5 |
| E | .4 | .8 | 1.1 | .3 | .1 | | | | | | | 2.7 | 7.2 |
| ESE | .4 | 1.3 | 1.8 | .6 | .1 | | | | | | | 4.1 | 7.8 |
| SE | .4 | 1.7 | 3.5 | 1.4 | .1 | .0 | | | | | | 7.2 | 8.4 |
| SSE | .4 | 2.6 | 8.3 | 1.7 | .1 | | | | | | | 13.2 | 8.3 |
| S | .7 | 5.1 | 12.5 | 2.1 | .1 | | | | | | | 20.8 | 7.8 |
| SSW | .5 | 2.9 | 9.6 | 3.3 | .1 | | | | | | | 16.4 | 8.7 |
| SW | .2 | 1.0 | 5.0 | 2.0 | .1 | | | | | | | 8.3 | 9.1 |
| WSW | .2 | .6 | 1.2 | .4 | | | | | | | | 2.5 | 7.9 |
| W | .5 | .6 | 1.0 | .3 | .1 | | | | | | | 2.4 | 7.4 |
| WNW | .3 | .6 | .7 | .2 | | | | | | | | 1.8 | 6.9 |
| NW | .5 | .5 | .6 | .1 | | | | | | | | 1.7 | 5.9 |
| NNW | .4 | .6 | .8 | .3 | | | | | | | | 2.0 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 7.5 | 23.2 | 51.0 | 14.1 | .9 | .1 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 3144

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-74 YEARS AUG MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.5 | 1.8 | .4 | .1 | | | | | | | 4.6 | 6.6 |
| NNE | .5 | 1.0 | 1.3 | .1 | | .0 | .0 | | | | | 3.0 | 6.9 |
| NE | .4 | .7 | 1.2 | .2 | .0 | .0 | | | | | | 2.5 | 7.0 |
| ENE | .1 | .6 | .9 | .4 | .0 | .0 | | | | | | 2.1 | 8.3 |
| E | .6 | .9 | 1.0 | .2 | .0 | | | | | | | 2.7 | 6.3 |
| ESE | .3 | 1.3 | 1.4 | .3 | .1 | | | | | | | 3.3 | 7.1 |
| SE | .4 | 1.4 | 3.4 | 1.1 | .1 | | | | | | | 6.5 | 8.2 |
| SSE | .7 | 3.3 | 6.0 | 1.2 | .0 | | | | | | | 11.3 | 7.5 |
| S | 1.4 | 6.1 | 10.3 | 2.0 | .0 | | | | | | | 19.9 | 7.3 |
| SSW | .6 | 3.3 | 9.1 | 2.9 | .2 | | .0 | | | | | 16.2 | 8.6 |
| SW | .4 | 2.0 | 5.2 | 2.0 | .0 | | | | | | | 9.6 | 8.6 |
| WSW | .5 | 1.3 | 2.3 | .8 | .0 | .0 | | | | | | 5.0 | 8.0 |
| W | .5 | .9 | 1.0 | .2 | | | | | | | | 2.5 | 6.3 |
| WNW | .3 | .7 | .6 | .3 | .0 | | | | | | | 2.0 | 7.2 |
| NW | .1 | .5 | .5 | .1 | | | | | .0 | | | 1.3 | 7.7 |
| NNW | .6 | .7 | .8 | .3 | .1 | | | | | | | 2.5 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 8.3 | 26.3 | 46.9 | 12.5 | .7 | .1 | .1 | | .0 | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 3105

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILQXI 42-74 YEAR AUG MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.4 | .9 | .2 | .0 | | | | | | | 5.4 | 5.0 |
| NNE | 1.5 | 1.8 | 1.0 | .3 | | | | | | | | 4.7 | 5.4 |
| NE | 1.2 | 1.5 | .9 | .1 | .0 | .0 | | | | | | 3.8 | 5.3 |
| ENE | .6 | 1.1 | .8 | .1 | .1 | | | | | .0 | | 2.8 | 6.6 |
| E | 1.5 | 1.5 | .6 | .1 | | | | .0 | | | | 3.7 | 4.8 |
| ESE | .6 | 1.4 | 1.2 | .1 | | | | | | | | 3.3 | 6.1 |
| SE | .8 | 2.3 | 1.6 | .0 | .0 | | | | | | | 4.8 | 5.8 |
| SSE | 1.2 | 3.3 | 1.7 | .2 | .1 | .0 | .0 | | | | | 6.5 | 6.0 |
| S | 2.7 | 5.9 | 3.0 | .7 | | | | | | | | 12.3 | 5.6 |
| SSW | 1.3 | 3.7 | 4.1 | .8 | .0 | | | | | | | 9.9 | 6.7 |
| SW | 1.5 | 2.7 | 3.3 | .7 | | | | | | | | 8.2 | 6.6 |
| WSW | .6 | 2.1 | 1.6 | .3 | | | | | | | | 4.5 | 6.3 |
| W | 1.2 | 1.8 | .7 | .1 | .1 | | | | | | | 3.8 | 5.2 |
| WNW | .6 | .8 | .5 | .1 | | | | | | | | 1.9 | 5.3 |
| NW | .6 | 1.1 | .4 | .1 | | | | | | | | 2.1 | 4.9 |
| NNW | .8 | 1.2 | .5 | .1 | .1 | | | | | | | 2.6 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.8 | |
| | 18.3 | 34.6 | 22.8 | 3.9 | .5 | .1 | .0 | .0 | | .0 | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 3085

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-74 YEARS AUG MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 2.2 | 1.0 | .1 | | | | | | | | 6.0 | 4.5 |
| NNE | 2.0 | 2.8 | 1.3 | .1 | | | | | | | | 6.3 | 4.9 |
| NE | 2.5 | 2.9 | 1.5 | .0 | | | | | | | | 7.0 | 4.7 |
| ENE | 1.4 | 2.1 | 1.2 | .3 | | | | | | | | 4.9 | 5.5 |
| E | 1.1 | 1.4 | .6 | .0 | | | | | | | .1 | 3.3 | 5.9 |
| ESE | .4 | .7 | .4 | | | | | | | | .0 | 1.6 | 6.8 |
| SE | .4 | 1.3 | 1.0 | .1 | .0 | .0 | | | | | | 2.8 | 6.2 |
| SSE | .5 | 1.0 | 1.3 | .3 | .0 | .0 | | | | | | 3.2 | 7.2 |
| S | 1.3 | 3.0 | 2.7 | .6 | .1 | | | | | | | 7.7 | 6.5 |
| SSW | 1.0 | 1.9 | 3.3 | .6 | | | | | | | | 6.7 | 7.0 |
| SW | .6 | 1.4 | 2.2 | .6 | | | | | | | | 4.9 | 7.2 |
| WSW | .9 | 1.4 | 1.3 | .1 | | | | | | | | 3.7 | 5.6 |
| W | 1.2 | 1.7 | 1.1 | .0 | | | | | | | | 4.1 | 5.1 |
| WNW | .7 | 1.3 | .7 | .1 | | | | | | | | 2.7 | 5.3 |
| NW | 1.1 | .9 | .4 | | | | | | | | | 2.4 | 4.2 |
| NNW | 1.4 | 1.1 | .5 | | .0 | | | | | | | 3.1 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.8 | |
| | 19.1 | 27.2 | 20.6 | 3.0 | .2 | .1 | | | | | .1 | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-65, 69, 71, 73-74
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 4.7 | 3.0 | .8 | .0 | | | | | | | 11.7 | 5.7 |
| NNE | 2.4 | 3.9 | 5.0 | 1.5 | .1 | .0 | .0 | | | | | 13.0 | 7.0 |
| NE | 2.6 | 6.3 | 4.6 | .6 | .1 | .1 | .0 | | | | | 14.3 | 6.2 |
| ENE | 1.0 | 2.9 | 3.3 | 1.1 | .1 | .0 | | | | | | 8.4 | 7.2 |
| E | .6 | 1.4 | 1.5 | .5 | | | | | | | | 4.0 | 6.9 |
| ESE | .3 | .6 | .8 | .4 | | .0 | .1 | | | | | 2.2 | 8.9 |
| SE | .2 | .7 | 1.5 | .8 | | | | | | | | 3.2 | 8.4 |
| SSE | .2 | .8 | 1.4 | .6 | .0 | | | | | | | 3.0 | 8.3 |
| S | .2 | 1.4 | 2.8 | .7 | .1 | .0 | | | | | | 5.3 | 8.4 |
| SSW | .2 | .6 | 1.3 | .5 | | | | | | | | 2.5 | 8.2 |
| SW | .5 | .3 | .5 | .1 | | | | | | | | 1.5 | 5.9 |
| WSW | .3 | .3 | .4 | .1 | | | | | | | | 1.1 | 6.2 |
| W | .5 | .6 | .6 | .1 | | | | | | | | 1.8 | 5.9 |
| WNW | .6 | .5 | .4 | .0 | | | | | | | | 1.5 | 5.3 |
| NW | .9 | 1.1 | .4 | | | | | | | | | 2.5 | 4.4 |
| NNW | 1.2 | 1.4 | .9 | .1 | .1 | | | | | | | 3.7 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.2 | |
| | 14.8 | 27.6 | 28.5 | 7.8 | .6 | .3 | .2 | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 2321

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KESLER AFB MISSISSIPPI/BILOXI 42-65,67-74 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.3 | 6.1 | 4.0 | 1.1 | .1 | | | | | | | 14.5 | 5.9 |
| NNE | 3.3 | 5.5 | 5.8 | 1.4 | .2 | .0 | .1 | .0 | | | | 16.4 | 6.8 |
| NE | 3.0 | 6.0 | 5.5 | .7 | .0 | | | | | | | 15.3 | 6.0 |
| ENE | 1.3 | 2.6 | 3.8 | .8 | .1 | | | | | | | 8.5 | 7.2 |
| E | .4 | 1.2 | 1.1 | .3 | | .0 | | | | | | 3.0 | 6.8 |
| ESE | .2 | .4 | .7 | .2 | .1 | .0 | | | | | | 1.7 | 8.4 |
| SE | .2 | .7 | .7 | .4 | .1 | .1 | | | | | | 2.2 | 8.9 |
| SSE | .2 | .5 | .8 | .2 | | | | | | | | 1.7 | 7.6 |
| S | .2 | .9 | 1.5 | .8 | .1 | .0 | | | | | | 3.5 | 8.9 |
| SSW | .2 | .4 | 1.0 | .5 | | | | | | | | 2.0 | 8.7 |
| SW | .7 | .3 | .2 | .2 | | | | | | | | 1.4 | 5.4 |
| WSW | .1 | .4 | .2 | .0 | | | | | | | | .7 | 5.8 |
| W | .6 | .8 | .3 | .1 | | | | | | | | 1.7 | 4.8 |
| WNW | .6 | .6 | .5 | .1 | | | | | | | | 1.7 | 5.3 |
| NW | 1.2 | 1.1 | .5 | .1 | | | | | | | | 2.8 | 4.7 |
| NNW | .7 | 1.5 | 1.1 | .1 | .1 | .0 | | | | | | 3.5 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.3 | |
| | 16.1 | 28.8 | 27.6 | 7.1 | .7 | .3 | .1 | .0 | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2632

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | 5.3 | 4.1 | .9 | .1 | | | | | | | 13.8 | 5.9 |
| NNE | 3.5 | 6.4 | 6.3 | 1.7 | .1 | | .1 | .0 | | | | 18.2 | 6.7 |
| NE | 2.9 | 7.3 | 7.1 | 1.6 | .2 | | | | .0 | | | 19.1 | 5.7 |
| ENE | 1.2 | 4.3 | 5.1 | 1.1 | .1 | | | .0 | | | | 11.6 | 7.1 |
| E | .6 | 2.2 | 2.4 | .4 | .1 | | | | | | | 5.7 | 6.8 |
| ESE | .2 | .6 | .5 | .3 | .1 | .1 | .1 | | | | | 1.9 | 9.3 |
| SE | .2 | .6 | .6 | .3 | .0 | .0 | | | | | | 1.8 | 7.9 |
| SSE | .1 | .4 | .7 | .2 | | .1 | | | | | | 1.5 | 8.5 |
| S | .3 | .4 | .9 | .5 | .1 | | | | | | | 2.2 | 8.3 |
| SSW | .2 | .5 | .6 | .3 | .1 | | | | | | | 1.8 | 8.2 |
| SW | .2 | .4 | .3 | .3 | .1 | | | | | | | 1.3 | 8.3 |
| WSW | .2 | .2 | .2 | .1 | .1 | | | | | | | .8 | 7.0 |
| W | .3 | .7 | .4 | .1 | | | | | | | | 1.5 | 5.9 |
| WNW | .5 | .6 | .5 | | | | | | | | | 1.7 | 5.3 |
| NW | .5 | 1.1 | 1.1 | .0 | | | | | | | | 2.7 | 5.9 |
| NNW | .8 | 1.2 | 1.2 | .2 | .0 | | | | | | | 3.5 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 15.0 | 32.4 | 32.0 | 8.0 | 1.1 | .2 | .2 | .1 | .0 | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 2948

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 3.7 | 3.4 | 1.2 | .2 | .0 | | | | | | 10.6 | 6.8 |
| NNE | .7 | 3.4 | 4.4 | 1.9 | .2 | .0 | | | | | | 10.8 | 8.1 |
| NE | 1.4 | 4.3 | 5.2 | 2.0 | .1 | | .0 | | | .1 | | 13.0 | 7.8 |
| ENE | 1.1 | 3.7 | 5.2 | 1.3 | .1 | | .0 | | | | | 11.4 | 7.4 |
| E | 1.2 | 3.5 | 4.1 | 1.2 | | | | | | | | 10.0 | 7.0 |
| ESE | .5 | 1.5 | 2.6 | 1.1 | .1 | .0 | | | | | | 5.9 | 8.2 |
| SE | .4 | 1.3 | 2.2 | 1.0 | .0 | | | .0 | | | | 5.0 | 8.2 |
| SSE | .6 | 1.5 | 2.9 | .9 | .1 | .0 | .0 | | | | | 6.0 | 8.0 |
| S | 1.1 | 2.4 | 3.0 | .5 | .1 | | .0 | | | | | 7.1 | 7.0 |
| SSW | .4 | 1.3 | 2.1 | .2 | .1 | | .1 | | | | | 4.2 | 7.6 |
| SW | .3 | .4 | 1.2 | .3 | .0 | | | | | | | 2.3 | 8.2 |
| WSW | .3 | .1 | .7 | .4 | .0 | | | | | | | 1.5 | 8.6 |
| W | .2 | .6 | .4 | .1 | | | | | | | | 1.3 | 6.3 |
| WNW | .2 | .7 | .2 | .0 | .0 | | | | | | | 1.2 | 5.9 |
| NW | .5 | .6 | .8 | .1 | .0 | | | | | | | 2.1 | 6.3 |
| NNW | .7 | 1.3 | .9 | .3 | | | | | | | | 3.2 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 11.7 | 30.4 | 39.3 | 12.4 | 1.3 | .1 | .2 | .0 | | .1 | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2932

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 2.1 | 2.8 | 1.6 | .1 | | | | | | | 7.0 | 8.3 |
| NNE | .3 | 1.5 | 3.5 | 1.4 | .2 | | | | | | | 6.9 | 8.7 |
| NE | .3 | 1.7 | 2.8 | 1.2 | .2 | .1 | | | | | | 6.2 | 8.7 |
| ENE | .3 | 1.2 | 2.1 | .9 | .1 | | | .0 | | | | 4.6 | 8.5 |
| E | .2 | 1.4 | 3.1 | 1.4 | .1 | | | | | | | 6.2 | 8.6 |
| ESE | .2 | 1.0 | 3.4 | 1.8 | .2 | .1 | | | | | | 6.7 | 9.6 |
| SE | .5 | 2.0 | 5.6 | 2.3 | .2 | .1 | | .0 | | | | 10.6 | 9.0 |
| SSE | .7 | 3.0 | 7.4 | 2.8 | .2 | .1 | | | | | | 14.2 | 8.5 |
| S | .5 | 4.8 | 8.7 | 1.5 | .1 | .0 | | | | | | 15.6 | 7.8 |
| SSW | .4 | 1.5 | 5.4 | 1.7 | .0 | .0 | .0 | | .0 | | | 9.1 | 8.9 |
| SW | .1 | .6 | 1.7 | .8 | | | | | | | | 3.2 | 8.9 |
| WSW | .1 | .3 | 1.0 | .3 | .1 | | | | | | | 1.8 | 9.3 |
| W | .1 | .3 | .3 | .1 | .0 | | | | | | | .9 | 7.3 |
| WNW | .1 | .3 | .5 | .1 | | | | | | | | 1.0 | 7.4 |
| NW | .1 | .5 | .5 | .3 | .0 | | | | | | | 1.5 | 7.8 |
| NNW | .3 | .6 | 1.5 | .6 | .0 | .0 | .0 | | | | | 3.1 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 4.8 | 22.8 | 50.2 | 18.8 | 1.6 | .4 | .1 | .1 | .0 | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 2936

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 2.4 | 3.1 | 1.2 | .1 | | | | | | | 7.5 | 7.7 |
| NNE | .4 | 1.6 | 3.4 | 1.5 | .1 | | | | | | | 7.1 | 8.5 |
| NE | .4 | 1.2 | 2.3 | .9 | .2 | | | | | | | 4.9 | 8.6 |
| ENE | .4 | 1.0 | 1.5 | .7 | .1 | .0 | | | | | | 3.7 | 8.5 |
| E | .7 | 1.6 | 2.6 | .8 | .0 | | | | | | | 5.8 | 7.3 |
| ESE | .2 | 1.6 | 2.9 | 1.3 | .0 | | | | | | | 6.1 | 8.4 |
| SE | .9 | 1.3 | 4.7 | 1.4 | .1 | .1 | .0 | | | | | 8.9 | 8.2 |
| SSE | 1.0 | 3.8 | 6.0 | 2.0 | .1 | .1 | | | | | | 12.9 | 7.8 |
| S | 1.3 | 5.7 | 6.1 | 1.2 | .1 | | | | | | | 16.4 | 7.3 |
| SSW | .7 | 2.6 | 4.6 | 1.6 | | | | | | | | 9.5 | 7.8 |
| SW | .4 | 1.5 | 2.2 | .6 | .0 | | | | | | | 4.8 | 7.5 |
| WSW | .1 | .5 | 1.2 | .3 | .1 | .1 | | | | | | 2.4 | 8.8 |
| W | .3 | .8 | .3 | .1 | | .0 | | | | | | 1.4 | 6.0 |
| WNW | .0 | .2 | .4 | .0 | .0 | | | | | | | .8 | 8.0 |
| NW | .2 | .4 | .6 | .1 | | .0 | | | | | | 1.3 | 7.1 |
| NNW | .2 | 1.1 | .8 | .8 | .0 | .0 | .1 | | | | | 2.9 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 7.8 | 27.9 | 44.6 | 14.7 | 1.1 | .4 | .1 | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 2919

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 3.2 | 3.3 | 1.0 | .0 | | | | | | | 9.3 | 6.4 |
| NNE | 1.0 | 3.0 | 2.8 | .6 | .0 | .0 | | | | | | 7.5 | 6.6 |
| NE | 1.0 | 3.2 | 2.2 | .4 | .3 | | | | | | | 7.0 | 6.6 |
| ENE | .9 | 1.5 | 1.7 | .8 | .1 | | | | | | | 5.0 | 7.3 |
| E | 1.6 | 2.3 | 2.0 | .2 | .1 | | | | | | | 6.2 | 5.7 |
| ESE | .9 | 1.8 | 2.3 | .2 | | | | | | | | 5.2 | 6.4 |
| SE | .9 | 2.3 | 2.2 | .6 | .1 | | | | | | | 6.2 | 6.9 |
| SSE | 1.6 | 2.1 | 2.8 | .7 | .1 | | | | | | | 7.3 | 6.5 |
| S | 1.9 | 4.8 | 2.6 | .7 | .1 | | | | | | | 10.1 | 6.0 |
| SSW | .5 | 2.1 | 1.8 | .5 | .0 | .1 | | | | | | 5.0 | 7.0 |
| SW | .9 | 1.4 | 1.2 | .3 | .0 | | | | | | | 3.9 | 6.3 |
| WSW | .5 | .7 | .4 | .2 | .1 | .0 | | | | | | 2.0 | 6.7 |
| W | .5 | .7 | .3 | .0 | | | | | | | | 1.5 | 4.8 |
| WNW | .3 | .1 | .3 | .1 | | | | | | | | .9 | 5.9 |
| NW | .5 | .9 | .4 | .1 | | | | | | | | 1.9 | 5.4 |
| NNW | .5 | .7 | .5 | .1 | .1 | | | | | | | 1.9 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.0 | |
| | 15.6 | 30.9 | 26.8 | 6.6 | 1.0 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 2910

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-74 YEARS SEP MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 4.3 | 3.2 | .7 | | | | | | | | 10.8 | 5.9 |
| NNE | 1.8 | 3.2 | 4.3 | 1.1 | .0 | .1 | | | | | | 10.5 | 7.0 |
| NE | 2.3 | 4.3 | 3.7 | .7 | .1 | .1 | | | | | | 11.3 | 6.4 |
| ENE | 1.5 | 2.2 | 3.1 | .7 | .0 | .0 | | | | | | 7.6 | 6.9 |
| E | 1.4 | 1.5 | 2.1 | .4 | .0 | | .0 | | | | | 5.6 | 6.4 |
| ESE | .4 | .9 | 1.4 | .5 | | | | | | | | 3.2 | 7.3 |
| SE | .5 | 1.5 | 1.4 | .3 | .1 | | | | | | | 3.9 | 7.0 |
| SSE | .7 | 1.5 | 2.0 | .5 | .1 | | | | | | | 4.6 | 7.3 |
| S | 1.1 | 2.0 | 1.9 | 1.1 | .0 | | | | | | | 6.2 | 7.1 |
| SSW | .3 | .9 | 1.1 | .4 | | .0 | | | | | | 2.8 | 7.5 |
| SW | .5 | .9 | 1.2 | .1 | | | | | | | | 2.8 | 6.2 |
| WSW | .2 | .2 | .5 | .3 | .1 | | | | | | | 1.3 | 9.1 |
| W | .6 | .4 | .2 | | | | | | | | | 1.3 | 4.4 |
| WNW | .3 | .4 | .3 | | | | | | | | | .9 | 4.9 |
| NW | .8 | .9 | .4 | .1 | | | | | | | | 2.2 | 5.1 |
| NNW | .5 | .9 | .7 | .1 | .0 | | | | | | | 2.2 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.8 | |
| | 15.5 | 26.0 | 27.7 | 7.1 | .6 | .3 | .0 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 2553

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13J20
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-64, 69, 73-74
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | 4.9 | 4.8 | 1.2 | .3 | .0 | | | | | | 14.7 | 6.6 |
| NNE | 2.6 | 5.4 | 4.7 | .8 | .1 | .1 | .1 | | | | | 13.8 | 6.4 |
| NE | 3.2 | 5.3 | 5.3 | .2 | | | | | | | | 14.0 | 5.8 |
| ENE | 1.3 | 1.9 | 2.2 | .8 | | | | | | | | 6.2 | 6.6 |
| E | 1.0 | 1.2 | 1.7 | .6 | | | | | | | | 4.4 | 6.7 |
| ESE | .3 | .2 | .9 | .6 | .0 | | | | | | | 1.9 | 8.7 |
| SE | .4 | .6 | .9 | .4 | .0 | .0 | | | | | | 2.3 | 8.1 |
| SSE | .4 | .6 | .9 | .4 | .0 | | | | | | | 2.3 | 7.8 |
| S | .2 | .7 | 1.2 | | .1 | | | | | | | 2.3 | 7.2 |
| SSW | | .3 | .6 | .4 | | | | | | | | 1.3 | 9.1 |
| SW | .1 | .6 | .6 | .1 | | | | | | | | 1.5 | 7.0 |
| WSW | .2 | .5 | .2 | | | | | | | | | .9 | 5.4 |
| W | .3 | .6 | .5 | .2 | | | | | | | | 1.5 | 6.4 |
| WNW | .4 | .5 | .6 | .0 | | | | | | | | 1.5 | 5.8 |
| NW | .6 | 1.8 | 1.1 | .2 | | | | | | | | 3.6 | 6.1 |
| NNW | 1.3 | 1.6 | 1.5 | .8 | .1 | .1 | | | | | | 5.5 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.4 | |
| | 15.6 | 26.7 | 27.6 | 6.7 | .7 | .3 | .1 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 2342

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-65,67,69-74 YEARS OCT MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.7 | 5.6 | 5.7 | 1.4 | .2 | .1 | | | | | | 16.7 | 6.5 |
| NNE | 2.9 | 5.7 | 5.4 | 1.0 | .0 | | .1 | | | | | 15.1 | 6.4 |
| NE | 2.7 | 5.4 | 6.0 | .6 | .1 | | | | | | | 14.8 | 6.3 |
| ENE | .9 | 2.7 | 3.2 | 1.0 | .1 | | | | | | | 7.9 | 7.2 |
| E | .6 | .9 | 1.5 | .3 | .1 | | | | | | | 3.4 | 7.2 |
| ESE | .3 | .7 | 1.0 | .3 | .0 | | | | | | | 2.4 | 7.1 |
| SE | .2 | .6 | .9 | .2 | | | | | | | | 1.9 | 6.9 |
| SSE | .2 | .5 | .7 | .2 | .1 | | | | | | | 1.7 | 7.7 |
| S | .3 | .4 | .8 | .1 | .0 | | | | | | | 1.6 | 7.1 |
| SSW | .1 | .3 | .4 | .3 | .0 | | | | | | | 1.2 | 8.6 |
| SW | .1 | .3 | .4 | .1 | | | | | | | | .9 | 6.9 |
| WSW | .2 | .1 | .1 | | | | | | | | | .4 | 4.5 |
| W | .2 | .9 | .4 | .1 | | | | | | | | 1.6 | 5.8 |
| WNW | .4 | .5 | .9 | .0 | | | | | | | | 1.8 | 6.0 |
| NW | .9 | 1.7 | 1.2 | .1 | | | | | | | | 3.9 | 5.6 |
| NNW | 1.2 | 1.9 | 1.5 | .8 | | | | | | | | 5.4 | 6.5 |
| VAPBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.2 | |
| | 14.9 | 28.4 | 30.1 | 6.5 | .7 | .1 | .1 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2669

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-67,69-74 YEARS UCT
STATION NAME CLASS HOURS (L.S.T.)
ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.7 | 6.2 | 6.0 | 1.7 | .3 | | | | | | | 17.8 | 6.5 |
| NNE | 3.3 | 6.7 | 6.2 | 1.8 | .1 | .1 | .0 | | | | | 18.1 | 6.6 |
| NE | 2.6 | 6.5 | 6.7 | .7 | .1 | | | | | | | 16.5 | 6.3 |
| ENE | 1.1 | 3.3 | 5.3 | 1.1 | | | | | | | | 10.7 | 7.3 |
| E | .6 | 2.0 | 2.0 | .9 | .1 | | | | | | | 5.6 | 7.4 |
| ESE | .2 | .6 | .6 | .5 | | | | | | | | 1.9 | 7.9 |
| SE | .3 | .6 | .6 | .3 | | | | | | | | 1.8 | 6.5 |
| SSE | .2 | .3 | .6 | .4 | .0 | | | | | | | 1.5 | 8.2 |
| S | .1 | .3 | .6 | .5 | | .1 | | | | | | 1.5 | 9.7 |
| SSW | .1 | .3 | .3 | .2 | .1 | | | | | | | 1.0 | 8.6 |
| SW | .0 | .3 | .1 | .1 | | | | | | | | .5 | 6.6 |
| WSW | .1 | .1 | .1 | | | | | | | | | .3 | 6.4 |
| W | .3 | .6 | .6 | | | | | | | | | 1.5 | 5.8 |
| WNW | .3 | .5 | 1.0 | .1 | | | | | | | | 2.0 | 7.2 |
| NW | .8 | 1.2 | 1.3 | .2 | | | | | | | | 3.5 | 6.1 |
| NNW | 1.3 | 1.7 | 1.5 | .6 | .0 | | | | | | | 5.1 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 15.0 | 31.1 | 33.5 | 8.9 | .6 | .2 | .0 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 2997

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILDXI 42-67,69-74 YEARS OCT MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 3.9 | 5.4 | 2.4 | .2 | | | | | | | 14.5 | 7.4 |
| NNE | 1.7 | 3.8 | 5.4 | 1.8 | .2 | .1 | | | | | | 12.9 | 7.5 |
| NE | 1.2 | 4.1 | 5.2 | 1.1 | .1 | | | | | | | 11.6 | 7.1 |
| ENE | 1.0 | 3.2 | 5.0 | 1.5 | .1 | | | | | | | 10.8 | 7.6 |
| E | 1.0 | 2.5 | 4.5 | 1.3 | .1 | | | | | | | 9.5 | 7.7 |
| ESE | .5 | .8 | 2.8 | 1.9 | .1 | | | | | | | 6.0 | 9.4 |
| SE | .4 | 1.3 | 2.1 | .5 | .1 | | | | | | | 4.3 | 7.7 |
| SSE | .4 | 1.9 | 2.3 | 1.1 | | | | | | | | 5.6 | 7.7 |
| S | .6 | 1.6 | 1.5 | .4 | | .0 | .1 | | | | | 4.2 | 7.0 |
| SSW | .3 | .7 | 1.0 | .3 | | | | | | | | 2.4 | 7.5 |
| SW | .0 | .4 | .8 | .4 | | | | | | | | 1.6 | 8.4 |
| WSW | .1 | .2 | .3 | .0 | .0 | | | | | | | .8 | 7.0 |
| W | .2 | .5 | .7 | .3 | .0 | | | | | | | 1.7 | 7.8 |
| WNW | .2 | .7 | 1.1 | .3 | .1 | | | | | | | 2.4 | 8.1 |
| NW | .5 | 1.0 | .7 | .4 | | | | | | | | 2.5 | 6.5 |
| NNW | .6 | 1.0 | 1.7 | .9 | .2 | | | | | | | 4.4 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 11.2 | 27.6 | 40.7 | 14.5 | 1.1 | .1 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 2991

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KESLER AFB MISSISSIPPI/BILUXI 42-67,69-74 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLAS
CONDITION
1200-1400
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.3 | 5.0 | 2.6 | .4 | | | | | | | 11.5 | 8.6 |
| NNE | .7 | 1.9 | 4.1 | 1.3 | .1 | .1 | | | | | | 8.2 | 8.2 |
| NE | .3 | 1.3 | 2.4 | .6 | .1 | | | | | | | 4.7 | 7.8 |
| ENE | .3 | .8 | 1.3 | .6 | .1 | .0 | | | | | | 3.1 | 8.5 |
| E | .1 | 1.1 | 2.3 | 1.4 | .0 | | | | | | | 4.9 | 9.1 |
| ESE | .2 | .8 | 3.3 | 2.0 | .3 | | | | | | | 6.5 | 9.8 |
| SE | .4 | 1.8 | 3.9 | 1.9 | .2 | | | | | | | 8.1 | 8.7 |
| SSE | .5 | 3.3 | 7.3 | 2.5 | .2 | | | | | | | 13.8 | 8.3 |
| S | 1.0 | 4.6 | 7.0 | 1.0 | .1 | | | | | | | 13.7 | 7.2 |
| SSW | .3 | 2.2 | 4.7 | 1.0 | .0 | .1 | | | | | | 8.2 | 8.0 |
| SW | .1 | .5 | 2.0 | .8 | .0 | | | | | | | 3.5 | 9.1 |
| WSW | .0 | .3 | .6 | .6 | | | | | | | | 1.6 | 9.2 |
| W | .1 | .4 | .5 | .4 | .0 | | | | | | | 1.4 | 8.5 |
| WNW | .1 | .3 | .8 | .4 | .1 | | | | | | | 1.8 | 9.5 |
| NW | .2 | .6 | 1.2 | .6 | .1 | | | | | | | 2.8 | 8.9 |
| NNW | .3 | 1.2 | 1.8 | 1.4 | .1 | | | | | | | 4.8 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 5.9 | 23.4 | 48.2 | 19.1 | 1.9 | .2 | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 2984

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILOXI 42-67,69-74 UCT
STATION STATION NAME YEARS MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER

CLAS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 3.5 | 5.0 | 2.1 | .3 | | .1 | | | | | 11.6 | 8.2 |
| NNE | .8 | 2.8 | 3.1 | 1.1 | .2 | .0 | | | | | | 8.0 | 7.7 |
| NE | .3 | 1.6 | 1.4 | .7 | .0 | | | | | | | 4.1 | 7.6 |
| ENE | .2 | .7 | 1.1 | .3 | .1 | | | | | | | 2.3 | 7.8 |
| E | .3 | .9 | 2.2 | .8 | .1 | | | | | | | 4.3 | 8.5 |
| ESE | .3 | 1.8 | 3.1 | 1.4 | .0 | | | | | | | 6.6 | 8.3 |
| SE | .4 | 1.8 | 4.2 | 1.3 | | | | | | | | 7.8 | 8.0 |
| SSE | 1.3 | 3.5 | 4.1 | 1.4 | | | | | | | | 10.3 | 7.2 |
| S | 2.1 | 6.3 | 4.2 | 1.1 | .2 | | | | | | | 14.1 | 6.3 |
| SSW | .9 | 3.9 | 3.5 | .5 | | | | | | | | 8.8 | 6.5 |
| SW | .6 | 2.4 | 2.4 | .5 | .1 | | | | | | | 6.0 | 6.9 |
| WSW | .2 | .6 | 1.0 | .4 | | | | | | | | 2.2 | 7.8 |
| W | .3 | .5 | .7 | .2 | | | | | | | | 1.7 | 7.0 |
| WNW | .1 | .4 | .9 | .4 | .0 | | | | | | | 1.8 | 8.5 |
| NW | .2 | .8 | .9 | .4 | .1 | | | | | | | 2.4 | 8.1 |
| NNW | .2 | 1.0 | 2.0 | .5 | .3 | | | | | | | 4.0 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 9.5 | 32.4 | 39.9 | 13.1 | 1.3 | .0 | .1 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 3001

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820

KEESLER AFB MISSISSIPPI/BILLOXI

42-67,69-74

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 4.2 | 3.2 | 1.2 | .0 | .1 | .0 | | | | | 10.7 | 6.5 |
| NNE | 1.1 | 3.0 | 1.8 | .3 | .1 | | | | | | | 6.3 | 5.9 |
| NE | 1.1 | 2.4 | 1.7 | .5 | .0 | | | | | | | 5.7 | 6.2 |
| ENE | .8 | 1.3 | 1.1 | .1 | | | | | | | | 3.4 | 5.7 |
| E | 1.7 | 2.8 | 2.4 | .2 | .2 | | | | | | | 7.2 | 6.0 |
| ESE | 1.1 | 1.7 | 1.6 | .5 | .1 | | | | | | | 4.9 | 6.5 |
| SE | .7 | 1.9 | 1.4 | .6 | | | | | | | | 4.7 | 6.5 |
| SSE | 1.1 | 1.2 | 1.4 | .5 | .0 | | | | | | | 4.3 | 6.5 |
| S | 1.7 | 2.2 | 1.6 | .5 | | | | | | | | 6.0 | 5.8 |
| SSW | .8 | 1.1 | 1.0 | .4 | | | | | | | | 3.4 | 6.4 |
| SW | 1.2 | 1.0 | .4 | .1 | .1 | | | | | | | 2.8 | 5.2 |
| WSW | .6 | .5 | .5 | .1 | | | | | | | | 1.7 | 5.3 |
| W | .7 | .7 | .4 | .0 | | | | | | | | 1.6 | 4.8 |
| WNW | .8 | .3 | .3 | .1 | | | | | | | | 1.5 | 4.9 |
| NW | .9 | 1.1 | .9 | .2 | | | | | | | | 3.1 | 5.9 |
| NNW | .7 | 1.0 | 1.7 | .6 | .2 | .0 | | | | | | 4.4 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.0 | |
| | 17.1 | 26.5 | 21.6 | 5.9 | .7 | .1 | .0 | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 2978

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KESLER AFB MISSISSIPPI/BILLOXI 42-67,69-74 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 4.4 | 4.0 | 1.4 | .2 | .1 | | | | | | 12.3 | 6.9 |
| NNE | 2.3 | 4.1 | 2.8 | .6 | .0 | | | | | | | 9.9 | 5.8 |
| NE | 2.1 | 4.3 | 2.6 | .4 | .0 | | | | | | | 9.5 | 5.6 |
| ENE | 1.5 | 1.9 | 1.6 | .3 | | | | | | | | 5.3 | 5.8 |
| E | 1.4 | 2.3 | 1.9 | .5 | .0 | | | | | | | 6.2 | 6.1 |
| ESE | .5 | .6 | 1.1 | .6 | .0 | .0 | | | | | | 2.8 | 8.2 |
| SE | .3 | 1.0 | 1.1 | .2 | .0 | | | | | | | 2.7 | 6.6 |
| SSE | .6 | .6 | 1.1 | .6 | .1 | .0 | | | | | | 3.0 | 7.7 |
| S | .5 | 1.4 | 1.6 | .5 | | | | | | | | 3.8 | 6.8 |
| SSW | .2 | .6 | .7 | .4 | | | | | | | | 1.9 | 7.7 |
| SW | .3 | .3 | .6 | .1 | | | | | | | | 1.3 | 6.7 |
| WSW | .2 | .3 | .2 | .1 | | | | | | | | .8 | 5.7 |
| W | .5 | .4 | .6 | .1 | | | | | | | | 1.6 | 6.1 |
| WNW | .5 | .6 | .5 | .1 | | | | | | | | 1.7 | 5.9 |
| NW | .6 | 1.6 | 1.0 | .4 | | | | | | | | 3.6 | 6.3 |
| NNW | 1.1 | 1.6 | 1.6 | .8 | .1 | .1 | | | | | | 5.3 | 7.4 |
| VAREL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.4 | |
| | 14.9 | 25.9 | 22.9 | 7.1 | .5 | .3 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 2630

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-64, 73-74
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.5 | 3.6 | 5.5 | 2.3 | .4 | | | | | | | 15.2 | 7.2 |
| NNE | 2.5 | 3.9 | 2.8 | 1.7 | .1 | | | | | | | 11.1 | 6.7 |
| NE | 2.0 | 3.7 | 2.6 | .6 | .2 | | | | | | | 9.2 | 6.1 |
| ENE | .9 | 1.3 | 2.0 | .3 | | | | | | | | 4.5 | 6.5 |
| E | 1.7 | 1.3 | 1.0 | .4 | .0 | | | | | | | 4.4 | 5.7 |
| ESE | .3 | .7 | 1.1 | .5 | .1 | | | | | | | 2.7 | 8.4 |
| SE | .1 | .5 | 1.1 | .6 | | | | | | | | 2.3 | 8.5 |
| SSE | .6 | .6 | 2.4 | 1.0 | .1 | .1 | | | | | | 4.8 | 8.7 |
| S | .3 | 1.0 | 2.0 | 1.4 | .1 | | | | | | | 4.8 | 8.7 |
| SSW | .2 | .5 | 1.4 | .3 | | | | | | | | 2.5 | 8.2 |
| SW | .6 | .8 | 1.3 | .4 | .1 | | | | | | | 3.2 | 7.2 |
| WSW | .1 | .3 | .5 | .1 | | | | | | | | 1.0 | 6.9 |
| W | .8 | 1.2 | .8 | .2 | | | | | | | | 2.9 | 5.6 |
| WNW | .7 | 1.0 | 1.4 | .2 | | | | | | | | 3.3 | 6.7 |
| NW | 1.1 | .7 | 1.4 | .6 | .1 | .0 | .0 | | | | | 3.9 | 7.4 |
| NNW | 1.2 | 1.1 | 1.9 | 1.5 | .3 | .0 | | | | | | 6.1 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.1 | |
| | 16.7 | 22.0 | 29.1 | 12.2 | 1.6 | .2 | .0 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

2293

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESLER AFB MISSISSIPPI/BILUXI 42-65, 67-74 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER 0300-0500
CLAS. HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 4.6 | 6.2 | 1.8 | .4 | | | | | | | 15.4 | 7.3 |
| NNE | 3.9 | 3.5 | 4.7 | 1.9 | .2 | .0 | | | | | | 14.2 | 6.7 |
| NE | 2.4 | 3.9 | 3.6 | .8 | .2 | .0 | | | | | | 10.9 | 6.4 |
| ENE | .9 | 1.7 | 2.6 | .2 | | | | | | | | 5.4 | 6.5 |
| E | .7 | 1.1 | 1.3 | .3 | | | | | | | | 3.4 | 6.4 |
| ESE | .5 | .7 | .8 | .4 | | | | | | | | 2.4 | 6.9 |
| SE | .3 | .8 | .8 | .4 | .1 | | | | | | | 2.3 | 7.3 |
| SSE | .4 | .5 | 1.3 | .6 | | | | | | | | 3.2 | 8.2 |
| S | .4 | 1.5 | 1.7 | .8 | .1 | | | | | | | 4.4 | 8.1 |
| SSW | .2 | .7 | .9 | .3 | .1 | | | | | | | 2.1 | 8.2 |
| SW | .2 | .6 | .9 | .3 | | | | | | | | 2.0 | 7.7 |
| WSW | .2 | .2 | .4 | .2 | | .0 | | | | | | 1.1 | 7.3 |
| W | .4 | 1.0 | .4 | .2 | | | | | | | | 2.0 | 5.8 |
| WNW | .7 | .8 | 1.2 | .4 | .1 | | | | | | | 3.1 | 7.0 |
| NW | 1.5 | 1.2 | 1.3 | .7 | .0 | .0 | | | | | | 4.9 | 6.5 |
| NNW | 1.4 | 1.6 | 1.9 | 1.0 | .4 | .0 | | | | | | 6.4 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.9 | |
| | 16.4 | 24.3 | 30.4 | 10.1 | 1.6 | .2 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 2503

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 4.0 | 5.7 | 2.4 | .6 | .1 | | | | | | 15.8 | 7.6 |
| NNE | 3.6 | 4.6 | 5.7 | 1.7 | .3 | | | | | | | 15.9 | 6.7 |
| NE | 1.9 | 4.5 | 4.2 | .8 | .0 | .2 | | | | | | 11.7 | 6.5 |
| ENE | 1.2 | 3.2 | 3.5 | .8 | .1 | | | | | | | 8.7 | 6.9 |
| E | .9 | 1.5 | 1.4 | .3 | | | | | | | | 4.2 | 6.1 |
| ESE | .3 | .6 | .8 | .3 | | | | | | | | 2.1 | 6.9 |
| SE | .2 | .8 | 1.2 | .2 | .1 | | | | | | | 2.5 | 7.3 |
| SSE | .3 | .5 | 1.2 | .5 | .1 | | | | | | | 2.6 | 8.6 |
| S | .3 | 1.1 | 1.5 | .4 | .1 | | | | | | | 3.3 | 7.3 |
| SSW | .1 | .9 | .8 | .5 | .1 | | | | | | | 2.3 | 8.4 |
| SW | .2 | .7 | .8 | .2 | | | | | | | | 1.8 | 7.1 |
| WSW | .2 | .4 | .5 | .1 | | | | | | | | 1.2 | 6.8 |
| W | .5 | .9 | .6 | .3 | | | | | | | | 2.3 | 6.5 |
| WNW | .6 | .8 | 1.3 | .3 | | | | | | | | 2.9 | 6.7 |
| NW | .8 | 1.1 | 1.5 | .7 | .0 | | | | | | | 4.1 | 7.1 |
| NNW | .9 | 1.1 | 1.7 | 1.0 | .5 | .2 | | | | | | 5.4 | 9.0 |
| VAPBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.1 | |
| | 15.2 | 26.7 | 32.4 | 10.4 | 1.8 | .4 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 3041

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI 42-74 YEARS NOV MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 2.9 | 5.0 | 3.7 | .6 | .1 | | | | | | 14.2 | 8.8 |
| NNE | 1.5 | 2.7 | 4.5 | 2.2 | .4 | .1 | | | | | | 11.4 | 8.2 |
| NE | 1.2 | 2.9 | 3.4 | .8 | .2 | .1 | | | | | | 9.1 | 7.3 |
| ENE | 1.4 | 3.6 | 3.6 | .7 | .0 | | | | | | | 9.3 | 6.6 |
| E | 1.0 | 2.3 | 3.5 | .7 | .0 | | | | | | | 7.6 | 7.0 |
| ESE | .5 | 1.2 | 2.7 | 1.5 | .0 | | | | | | | 5.9 | 8.5 |
| SE | .3 | 1.1 | 2.7 | .9 | .1 | | | | | | | 5.0 | 8.4 |
| SSE | .3 | 1.4 | 2.4 | 1.0 | .0 | | | | | | → 0 | 5.2 | 8.4 |
| S | .4 | 1.7 | 2.1 | .7 | .1 | | | | | | | 5.0 | 7.6 |
| SSW | .4 | .9 | 1.4 | .9 | | | | | | | | 3.5 | 7.9 |
| SW | .0 | .4 | 1.1 | .6 | | | | | | | | 2.2 | 9.0 |
| WSW | .2 | .4 | .7 | .4 | | | | | | | | 1.7 | 8.4 |
| W | .4 | .7 | .7 | .3 | .0 | | | | | | | 2.1 | 7.3 |
| WNW | .4 | .6 | 1.0 | .5 | .1 | | | | | | | 2.7 | 7.9 |
| NW | .6 | 1.1 | 1.4 | 1.1 | .1 | .0 | | | | | | 4.4 | 8.5 |
| NNW | 1.0 | 1.2 | 2.0 | 1.4 | .5 | .1 | | | | | | 6.3 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 11.5 | 25.1 | 38.9 | 17.3 | 2.2 | .4 | | | | | → 0 | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 3050

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KEESLER AFB MISSISSIPPI/BILOXI STATION NAME 42-74 YEARS NOV MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 35 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 2.8 | 5.2 | 3.7 | .7 | .0 | | | | | | 13.3 | 9.1 |
| NNE | .6 | 1.8 | 3.2 | 1.6 | .2 | | | | | | | 7.3 | 8.5 |
| NE | .6 | 1.5 | 1.5 | .3 | .1 | .0 | .0 | | | | | 4.1 | 7.1 |
| ENE | .3 | .8 | 1.5 | .2 | .0 | | | | | | | 2.8 | 7.3 |
| E | .3 | 1.2 | 1.5 | .8 | | | | | | | | 3.8 | 7.9 |
| ESE | .2 | 1.1 | 3.0 | 2.2 | .1 | | | | | | | 6.6 | 9.5 |
| SE | .4 | 1.6 | 5.1 | 3.1 | .0 | | | | | | | 10.1 | 9.1 |
| SSE | .7 | 3.0 | 4.5 | 1.4 | | .0 | | | | | | 9.7 | 7.6 |
| S | .9 | 4.4 | 5.0 | .8 | .2 | | | | | | | 11.2 | 7.1 |
| SSW | .4 | 2.3 | 4.1 | .9 | .0 | .0 | | | | | | 7.8 | 7.9 |
| SW | .1 | .6 | 2.0 | 1.1 | | | | | | | | 3.9 | 9.1 |
| WSW | .1 | .3 | 1.0 | .5 | | | | | | | | 2.0 | 9.2 |
| W | .2 | .4 | 1.1 | .2 | | | | | | | | 2.0 | 7.7 |
| WNW | .2 | .5 | .9 | .7 | | | | | | | | 2.3 | 8.9 |
| NW | .2 | .8 | 1.7 | 1.2 | .5 | | | | | | | 4.3 | 10.1 |
| NNW | .2 | .8 | 2.7 | 2.6 | .6 | | | | | | | 6.9 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 6.5 | 23.9 | 43.9 | 21.2 | 2.4 | .1 | .0 | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 3007

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESELER AFB MISSISSIPPI/BILOXI 42-74 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 3.6 | 5.1 | 3.1 | .4 | | | | | | | 13.7 | 8.2 |
| NNE | .5 | 2.1 | 2.5 | 1.0 | .1 | .1 | | | | | | 6.3 | 7.8 |
| NE | .6 | .9 | 1.6 | .3 | .1 | | | | | | | 3.5 | 6.9 |
| ENE | .1 | .6 | .7 | .3 | .0 | | | | | | | 1.7 | 7.9 |
| E | .7 | 1.5 | 1.9 | .5 | .1 | | | | | | | 4.6 | 7.0 |
| ESE | .5 | 2.6 | 3.6 | 1.4 | | | | | | | | 8.1 | 7.8 |
| SE | .9 | 2.2 | 4.1 | 1.5 | | | | | | | | 8.6 | 7.7 |
| SSE | 1.5 | 2.8 | 3.8 | .7 | .1 | | | | | | | 8.9 | 6.8 |
| S | 1.6 | 4.0 | 3.6 | .5 | .1 | | | | | | | 9.8 | 6.4 |
| SSW | 1.4 | 2.9 | 3.0 | .5 | .2 | | | | | | | 8.0 | 6.7 |
| SW | .6 | 1.8 | 2.0 | .6 | .1 | | | | | | | 5.1 | 7.0 |
| WSW | .4 | .4 | .8 | .5 | | | | | | | | 2.1 | 8.1 |
| W | .4 | .5 | .6 | .2 | | | | | | | | 1.6 | 6.3 |
| WNW | .2 | .3 | 1.1 | .3 | .1 | .0 | | | | | | 2.0 | 9.0 |
| NW | .3 | .7 | 1.7 | 1.0 | .1 | | | | | | | 3.9 | 8.7 |
| NNW | .7 | 1.3 | 2.9 | 1.8 | .4 | | | | | | | 7.1 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.8 | |
| | 11.7 | 28.3 | 39.1 | 14.1 | 1.9 | .1 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 2991

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.8 | 3.1 | 4.0 | 1.9 | .2 | .0 | | | | | | 12.1 | 7.1 |
| NNE | 1.2 | 1.6 | 2.1 | .6 | .2 | | | | | | | 5.8 | 7.0 |
| NE | .9 | 1.2 | 1.3 | .4 | | | | | | | | 3.8 | 6.1 |
| ENE | .8 | 1.0 | 1.2 | .5 | | | | | | | | 3.6 | 6.6 |
| E | 1.5 | 2.4 | 2.4 | .4 | .0 | | | | | | | 6.8 | 6.0 |
| ESE | 1.3 | 2.2 | 2.6 | .9 | .1 | | | | | | | 7.0 | 6.8 |
| SE | .5 | 1.4 | 1.6 | .9 | .0 | | | | | | | 4.5 | 7.5 |
| SSE | .7 | 1.8 | 1.9 | 1.1 | .1 | | | | | | | 5.6 | 7.7 |
| S | .7 | 1.3 | 1.9 | .5 | .1 | | | | | | | 4.6 | 7.3 |
| SSW | .5 | 1.1 | 1.3 | .6 | | | | | | | | 3.4 | 7.4 |
| SW | .4 | .6 | .7 | .6 | .0 | | | | | | | 2.3 | 7.8 |
| WSW | .5 | 1.0 | .5 | .1 | .0 | | | | | | | 2.2 | 6.1 |
| W | .9 | 1.1 | .4 | .2 | | .0 | | | | | | 2.7 | 5.5 |
| WNW | .2 | .8 | 1.0 | .2 | .1 | .1 | | | | | | 2.4 | 7.8 |
| NW | 1.0 | 1.5 | 1.0 | .6 | .0 | .0 | | | | | | 4.1 | 6.8 |
| NNW | 1.3 | 1.6 | 2.3 | .9 | .1 | | | | | | | 6.3 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.8 | |
| | 15.5 | 23.9 | 26.3 | 10.3 | 1.0 | .2 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 2980

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 4.0 | 4.6 | 2.0 | .3 | | | | | | | 13.0 | 7.3 |
| NNE | 1.9 | 2.5 | 2.6 | 1.7 | .2 | | | | | | | 8.9 | 7.3 |
| NE | 1.7 | 2.1 | 1.6 | .4 | .1 | .0 | | | | | | 5.9 | 5.9 |
| ENE | 1.1 | 1.9 | 1.3 | .2 | | | | | | | | 4.5 | 5.7 |
| E | 1.1 | 1.9 | 2.1 | .6 | .0 | | | | | | | 5.7 | 6.5 |
| ESE | .7 | 1.3 | 1.5 | .7 | | | | | | | | 4.3 | 7.0 |
| SE | .4 | .4 | 1.8 | .7 | | | | | | | | 3.4 | 8.1 |
| SSE | .3 | 1.2 | 2.1 | 1.1 | .1 | | | | | | | 4.8 | 8.5 |
| S | .3 | 1.2 | 1.8 | .6 | .1 | | | | | | | 4.0 | 7.9 |
| SSW | .3 | .7 | 1.6 | .6 | | | | | | | | 3.1 | 8.1 |
| SW | .3 | .5 | 1.1 | .4 | .1 | | | | | | | 2.5 | 8.0 |
| WSW | .2 | .4 | .9 | .5 | .0 | | | | | | | 2.0 | 8.6 |
| W | .7 | 1.0 | .5 | .1 | | | | | | | | 2.3 | 5.2 |
| WNW | .5 | .6 | .8 | .3 | | .0 | | | | | | 2.3 | 7.1 |
| NW | 1.1 | 1.8 | 1.5 | .4 | .0 | .0 | .0 | | | | | 4.9 | 6.6 |
| NNW | 1.1 | 1.2 | 2.6 | 1.1 | .1 | | | | | | | 6.1 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.2 | |
| | 14.0 | 22.7 | 28.5 | 11.3 | 1.1 | .1 | .0 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 2751

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820

STATION

KEESLER AFB MISSISSIPPI/BILOXI

STATION NAME

42-64, 73-74

YEARS

DEC

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.8 | 3.5 | 5.0 | 1.9 | .6 | .1 | .0 | | | | | 14.0 | 7.7 |
| NNE | 1.7 | 3.0 | 3.6 | 1.2 | .2 | .0 | | | | | | 9.8 | 7.3 |
| NE | 1.8 | 2.5 | 3.3 | .5 | .2 | | | | | | | 8.3 | 6.6 |
| ENE | 1.0 | 1.8 | 2.4 | .5 | | | | | | | | 5.7 | 6.7 |
| E | .7 | 1.7 | 1.7 | .6 | .1 | | | | | | | 4.8 | 7.1 |
| ESE | .1 | .6 | 2.1 | .9 | | | | | | | | 3.7 | 9.2 |
| SE | .3 | .6 | 1.6 | .6 | | | | | | | | 3.1 | 8.4 |
| SSE | .3 | .7 | 1.5 | .7 | .1 | | | | | | | 3.3 | 8.3 |
| S | .6 | 1.1 | 2.6 | .9 | .1 | | | | | | | 5.2 | 8.2 |
| SSW | .3 | .8 | 1.5 | .7 | .1 | | | | | | | 3.4 | 8.3 |
| SW | .6 | .8 | 1.3 | .1 | | | | | | | | 2.8 | 6.5 |
| WSW | .2 | 1.0 | .6 | .0 | .2 | | | | | | | 2.1 | 6.9 |
| W | .9 | 1.1 | 1.3 | .3 | | | | | | | | 3.5 | 6.0 |
| WNW | .5 | 1.2 | 1.0 | .2 | .1 | | | | | | | 3.0 | 6.7 |
| NW | .7 | .9 | 1.0 | .7 | .0 | | | | | | | 3.4 | 7.4 |
| NNW | .9 | 1.4 | 1.5 | 1.2 | .3 | .1 | | | | | | 5.3 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.6 | |
| | 13.2 | 22.9 | 31.9 | 11.1 | 2.0 | .3 | .0 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS

2334

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/BILOXI 42-65,68-74 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 4.0 | 5.0 | 2.1 | .6 | .1 | | | | | | 14.8 | 7.7 |
| NNE | 2.1 | 3.1 | 4.5 | 1.7 | .3 | .1 | | | | | | 11.8 | 7.5 |
| NE | 1.9 | 3.0 | 3.3 | .8 | .1 | | | | | | | 9.0 | 6.5 |
| ENE | 1.5 | 1.3 | 2.4 | .8 | | | | | | | | 6.1 | 6.8 |
| E | .8 | 1.4 | 2.4 | .5 | .1 | | | | | | | 5.3 | 7.4 |
| ESE | .1 | .8 | 1.5 | .6 | | | | | | | | 3.0 | 8.5 |
| SE | .4 | .6 | 1.4 | .4 | | | | | | | | 2.8 | 7.7 |
| SSE | .2 | .7 | 1.4 | .4 | .1 | | | | | | | 2.7 | 8.0 |
| S | .4 | 1.0 | 2.0 | .6 | .1 | | | | | | | 4.0 | 7.9 |
| SSW | .4 | .9 | 1.6 | .8 | .1 | | | | | | | 3.7 | 8.2 |
| SW | .7 | .7 | 1.0 | .1 | | | | | | | | 2.2 | 6.8 |
| WSW | .2 | .6 | .5 | .0 | .1 | | | | | | | 1.5 | 7.0 |
| W | .7 | .7 | .9 | .2 | .1 | | | | | | | 2.6 | 6.7 |
| WNW | .7 | .9 | 1.0 | .3 | .1 | | | | | | | 3.0 | 7.1 |
| NW | .6 | 1.3 | 1.2 | .8 | .2 | .0 | | | | | | 4.1 | 8.1 |
| NNW | 1.1 | 1.3 | 2.0 | .9 | .3 | .0 | | | | | | 5.6 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.8 | |
| | 14.4 | 22.2 | 32.0 | 11.0 | 2.2 | .3 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 2511

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILOXI

42-74

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.8 | 3.4 | 5.0 | 2.2 | .5 | .0 | .0 | | | | | 13.9 | 7.7 |
| NNE | 2.1 | 3.8 | 4.4 | 2.1 | .5 | | | | | | | 12.8 | 7.5 |
| NE | 2.5 | 3.1 | 3.2 | 1.1 | .0 | | | | | | | 9.9 | 6.4 |
| ENE | 1.3 | 2.2 | 2.7 | .7 | .1 | | | | | | | 7.0 | 6.8 |
| E | .6 | 2.1 | 2.5 | .5 | | | | | | | | 5.7 | 7.0 |
| ESE | .4 | .7 | 1.7 | .6 | | | | | | | | 3.4 | 8.0 |
| SE | .3 | .7 | 1.1 | .6 | .1 | | | | | | | 2.7 | 8.2 |
| SSE | .5 | 1.2 | 1.1 | .5 | | | | | | | | 3.3 | 6.8 |
| S | .4 | 1.3 | 1.6 | .3 | .0 | | | | | | | 3.7 | 7.1 |
| SSW | .3 | .6 | 1.1 | .4 | | | | | | | | 2.5 | 7.8 |
| SW | .4 | .6 | .8 | .3 | .0 | .0 | | | | | | 2.2 | 7.3 |
| WSW | .2 | .5 | .4 | .1 | | | | | | | | 1.2 | 6.5 |
| W | .6 | .7 | 1.0 | .4 | .1 | | | | | | | 2.8 | 7.3 |
| WNW | .3 | 1.0 | 1.1 | .4 | .1 | .0 | | | | | | 2.9 | 7.8 |
| NW | .6 | 1.5 | 1.3 | .6 | .2 | | | | | | | 4.2 | 7.2 |
| NNW | .8 | 1.6 | 2.4 | 1.2 | .2 | .0 | .0 | | | | | 6.4 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.6 | |
| | 14.2 | 25.0 | 31.4 | 11.9 | 1.7 | .1 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 3002

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPD (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|--------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 3.8 | 4.4 | 2.9 | .6 | .2 | | | | | | 13.6 | 8.6 |
| NNE | 1.4 | 2.5 | 4.5 | 2.2 | .8 | .1 | | | | | | 11.5 | 8.8 |
| NE | 1.1 | 2.6 | 2.9 | 1.0 | .1 | | | | | | | 7.7 | 7.1 |
| ENE | 1.3 | 2.5 | 3.2 | 1.0 | | | | | | | | 8.0 | 7.0 |
| E | 1.1 | 2.1 | 2.8 | .8 | | | | | | | | 6.9 | 7.1 |
| ESE | .4 | 1.2 | 2.9 | 1.6 | .1 | | | | | | | 6.2 | 8.9 |
| SE | .5 | 1.5 | 2.8 | 1.0 | .1 | | | | | | | 5.8 | 7.9 |
| SSE | .6 | 1.9 | 2.3 | .6 | .1 | | | | | | | 5.5 | 7.2 |
| S | .9 | 1.8 | 2.6 | .3 | .0 | | | | | | | 5.8 | 6.8 |
| SSW | .5 | 1.0 | 1.5 | .4 | .0 | | | | | | | 3.5 | 7.2 |
| SW | .3 | .5 | 1.1 | .6 | .0 | | | | | | | 2.5 | 8.2 |
| WSW | .1 | .6 | .6 | .4 | .1 | | | | | | | 1.8 | 8.9 |
| W | .3 | .6 | 1.1 | .4 | | | | | | | | 2.3 | 7.7 |
| WNW | .3 | .9 | 1.0 | .6 | .2 | | | | | | | 3.1 | 8.6 |
| NW | .5 | .7 | 1.5 | .8 | .2 | .0 | | | | | | 3.8 | 8.8 |
| NNW | .4 | .9 | 2.3 | 1.6 | .2 | .1 | | | | | | 5.4 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 11.3 | 25.1 | 37.6 | 16.2 | 2.6 | .4 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 3089

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.3 | 5.1 | 3.4 | .6 | .1 | | | | | | 12.4 | 9.3 |
| NNE | .6 | 1.8 | 2.8 | 1.9 | .5 | .0 | | | | | | 7.6 | 9.1 |
| NE | .5 | 1.3 | 1.7 | .7 | .1 | .0 | | | | | | 4.3 | 7.7 |
| ENE | .5 | 1.0 | 1.4 | .5 | .0 | | | | | | | 3.4 | 7.4 |
| E | .5 | 1.3 | 1.8 | 1.1 | .1 | | | | | | | 4.8 | 8.2 |
| ESE | .4 | 1.3 | 3.6 | 2.5 | .1 | | | | | | | 7.9 | 9.3 |
| SE | .3 | 1.7 | 4.5 | 2.0 | .1 | | | | | | | 8.5 | 8.7 |
| SSE | 1.1 | 2.5 | 4.0 | 1.2 | .1 | | | | | | | 9.0 | 7.3 |
| S | 1.5 | 5.1 | 4.3 | .8 | | | | | | | | 11.7 | 6.4 |
| SSW | .6 | 2.1 | 3.5 | .7 | .1 | | | | | | | 6.8 | 7.6 |
| SW | .1 | 1.1 | 2.3 | .8 | | | | | | | | 4.3 | 8.2 |
| WSW | .1 | .3 | .9 | .7 | .2 | | | | | | | 2.2 | 10.1 |
| W | .3 | .4 | .8 | .6 | .2 | | | | | | | 2.3 | 9.3 |
| WNW | .2 | .5 | 1.1 | .7 | .3 | | | | | | | 2.7 | 9.8 |
| NW | .1 | .6 | 1.6 | .9 | .1 | .1 | | | | | | 3.3 | 9.8 |
| NNW | .3 | 1.3 | 2.4 | 1.6 | .5 | | | | | | | 6.0 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.9 | |
| | 7.9 | 24.4 | 41.9 | 20.1 | 2.6 | .2 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 3068

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KEESSLER AFB MISSISSIPPI/BILLOXI 42-74 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CL'S
1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.5 | 4.9 | 2.5 | .4 | .1 | | | | | | 11.6 | 8.8 |
| NNE | .9 | 2.1 | 2.5 | 1.2 | .4 | | | | | | | 7.2 | 8.2 |
| NE | .5 | 1.3 | 1.7 | .4 | .0 | | | | | | | 3.9 | 7.1 |
| ENE | .4 | .5 | 1.6 | .3 | | | | | | | | 2.8 | 7.6 |
| E | .5 | 1.2 | 2.6 | 1.0 | .0 | | | | | | | 5.4 | 8.0 |
| ESE | .9 | 1.8 | 3.7 | 1.8 | .1 | | | | | | | 8.2 | 8.3 |
| SE | .9 | 2.9 | 4.4 | .8 | .1 | | | | | | | 8.9 | 7.2 |
| SSE | .8 | 3.8 | 2.7 | 1.1 | .1 | | | | | | | 8.5 | 6.9 |
| S | 2.0 | 3.0 | 3.7 | 1.0 | .1 | | | | | | | 9.8 | 6.7 |
| SSW | .3 | 2.6 | 2.5 | .8 | .1 | | | | | | | 6.7 | 6.9 |
| SW | .7 | 1.8 | 2.1 | .3 | | | | | | | | 4.8 | 6.5 |
| WSW | .5 | .8 | 1.3 | .4 | | | | | | | | 3.0 | 7.2 |
| W | .2 | .4 | 1.0 | .3 | .0 | | | | | | | 2.0 | 8.1 |
| WNW | .2 | .5 | 1.2 | .5 | .2 | | | | | | | 2.7 | 9.5 |
| NW | .1 | .7 | 1.6 | .9 | .1 | .0 | | | | | | 3.5 | 9.4 |
| NNW | .5 | 1.4 | 1.7 | 1.4 | .2 | | | | | | | 5.3 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 10.9 | 27.3 | 39.3 | 14.6 | 1.9 | .2 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 3040

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13820 KESLER AFB MISSISSIPPI/BILUXI 42-74 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 2.4 | 3.3 | 2.5 | .3 | .1 | | | | | | 10.2 | 8.5 |
| NNE | 1.2 | 2.2 | 2.5 | 1.2 | .6 | .0 | | | | | | 7.7 | 8.2 |
| NE | 1.0 | 1.3 | 1.9 | .4 | | | | | | | | 4.6 | 6.6 |
| ENE | 1.0 | 1.1 | 1.3 | .6 | .0 | | | | | | | 4.0 | 6.7 |
| E | 1.1 | 2.8 | 3.0 | .9 | .0 | | | | | | | 7.9 | 6.8 |
| ESE | .6 | 2.2 | 2.7 | 1.1 | .1 | | | | | | | 6.8 | 7.5 |
| SE | 1.3 | 2.3 | 2.4 | .5 | .1 | | | | | | | 6.7 | 6.6 |
| SSE | .5 | 2.0 | 1.8 | .7 | .1 | | | | | | | 5.1 | 7.3 |
| S | .9 | 1.3 | 2.8 | .9 | .0 | .0 | | | | | | 6.0 | 7.5 |
| SSW | .6 | 1.3 | 1.9 | .7 | | | | | | | | 4.5 | 7.5 |
| SW | .5 | .9 | 1.0 | .3 | | | | | | | | 2.7 | 6.7 |
| WSW | .5 | .6 | .5 | .2 | | | | | | | | 1.8 | 5.9 |
| W | 1.0 | .7 | 1.1 | .1 | | | | | | | | 2.9 | 5.5 |
| WNW | .6 | .6 | .7 | .3 | .1 | | | | | | | 2.2 | 6.9 |
| NW | .6 | .8 | 1.4 | .4 | .2 | | | | | | | 3.4 | 7.6 |
| NNW | 1.1 | 1.1 | 1.7 | 1.1 | .5 | .1 | | | | | | 5.6 | 8.7 |
| VARSL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.9 | |
| | 14.3 | 23.6 | 29.9 | 11.8 | 2.2 | .3 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 2882

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 STATION KESLER AFB MISSISSIPPI/BILOXI 42-74 YEARS DEC MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.5 | 3.2 | 2.5 | .6 | .1 | | | | | | 11.0 | 8.3 |
| NNE | 1.3 | 2.5 | 3.0 | 1.4 | .3 | | | | | | | 8.5 | 7.6 |
| NE | 1.1 | 2.2 | 3.3 | 1.0 | .1 | | | | | | | 7.6 | 7.2 |
| ENE | .7 | 1.5 | 2.2 | .3 | | | | | | | | 4.7 | 6.7 |
| E | 1.3 | 1.9 | 2.6 | .5 | .0 | | | | | | | 6.4 | 6.6 |
| ESE | .7 | 1.6 | 2.0 | 1.2 | .2 | | | | | | | 5.7 | 6.3 |
| SE | .7 | 1.1 | 1.8 | .6 | .1 | | | | | | | 4.2 | 7.4 |
| SSE | .3 | 1.3 | 2.4 | .6 | .1 | | | | | | | 4.7 | 8.3 |
| S | .6 | 1.4 | 2.5 | .9 | .1 | | | | | | | 5.6 | 7.8 |
| SSW | .8 | .5 | 1.6 | 1.0 | .0 | | | | | | | 3.8 | 7.9 |
| SW | .2 | .6 | 1.5 | .3 | | | | | | | | 2.6 | 7.5 |
| WSW | .2 | .5 | .8 | .1 | | | | | | | | 1.7 | 7.1 |
| W | .7 | .9 | 1.2 | .2 | | | | | | | | 3.0 | 6.4 |
| WNW | .7 | .3 | .9 | .2 | .1 | | | | | | | 2.2 | 6.7 |
| NW | 1.0 | .9 | .9 | .6 | .2 | | | | | | | 3.6 | 7.1 |
| NNW | .8 | 1.3 | 1.5 | 1.2 | .4 | | | | | | | 5.1 | 8.6 |
| YARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.4 | |
| | 13.2 | 20.9 | 31.4 | 12.7 | 2.3 | .1 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 2683

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILDXI 42-74 ALL
STATION STATION NAME YEARS

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL

MONTH

ALL

HOURLY (L.S.T.)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.0 | 2.4 | 4.4 | 2.7 | .5 | .1 | .0 | | | | | 11.1 | 8.9 |
| NNE | 1.0 | 2.3 | 3.8 | 2.0 | .4 | .1 | .0 | | | | | 9.6 | 8.7 |
| NE | .9 | 2.0 | 2.6 | 1.0 | .2 | .1 | .0 | | | | | 6.8 | 7.8 |
| ENE | .8 | 1.6 | 2.4 | .8 | .1 | .0 | .0 | .0 | | .0 | | 5.7 | 7.7 |
| E | .8 | 1.6 | 2.6 | 1.1 | .2 | .0 | .0 | .0 | | | .0 | 6.2 | 8.0 |
| ESE | .5 | 1.2 | 3.4 | 2.4 | .3 | .1 | .0 | | | | | 8.0 | 9.3 |
| SE | .7 | 1.4 | 3.2 | 1.9 | .3 | .1 | .0 | | | | | 7.4 | 9.3 |
| SSE | .5 | 1.8 | 3.7 | 2.1 | .4 | .1 | .0 | | | | | 8.7 | 9.4 |
| S | .6 | 1.8 | 3.5 | 1.7 | .2 | .1 | .0 | | | | | 7.9 | 8.0 |
| SSW | .3 | 1.0 | 1.9 | 1.3 | .2 | .0 | .0 | | .0 | | | 4.8 | 9.4 |
| SW | .2 | .7 | 1.3 | .6 | .1 | .0 | | | | | | 2.8 | 8.7 |
| WSW | .1 | .5 | .8 | .3 | .1 | .0 | | | | | | 1.9 | 8.8 |
| W | .4 | .7 | .9 | .3 | .1 | .0 | | | | | | 2.3 | 7.3 |
| WNW | .2 | .6 | .7 | .4 | .2 | .0 | .0 | | | | | 2.1 | 8.7 |
| NW | .3 | .7 | .8 | .7 | .2 | .0 | | | | | | 2.7 | 9.2 |
| NNW | .4 | .8 | 1.6 | 1.3 | .4 | .1 | .0 | .0 | | | | 4.5 | 10.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.5 | |
| | 8.4 | 20.9 | 37.8 | 20.7 | 3.8 | .8 | .1 | .0 | .0 | .0 | .0 | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 26273

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|----------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | $\geq 2\frac{1}{2}$ | ≥ 2 | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | ≥ 1 | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | $\geq \frac{5}{16}$ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KLEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 38.5 | 52.4 | 53.5 | 54.1 | 54.5 | 54.6 | 54.7 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 55.0 | 55.0 | 55.1 | 55.2 |
| ≥ 20000 | 44.7 | 61.0 | 62.3 | 63.0 | 63.5 | 63.5 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 | 64.1 | 64.2 |
| ≥ 18000 | 44.8 | 61.2 | 62.5 | 63.2 | 63.7 | 63.7 | 63.9 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.3 | 64.4 |
| ≥ 16000 | 45.0 | 61.4 | 62.7 | 63.4 | 63.9 | 64.0 | 64.2 | 64.2 | 64.2 | 64.3 | 64.4 | 64.4 | 64.5 | 64.5 | 64.6 | 64.7 |
| ≥ 14000 | 45.7 | 62.5 | 63.9 | 64.6 | 65.1 | 65.1 | 65.3 | 65.4 | 65.4 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.9 |
| ≥ 12000 | 47.2 | 64.7 | 66.1 | 66.9 | 67.4 | 67.5 | 67.7 | 67.7 | 67.7 | 67.8 | 67.9 | 67.9 | 68.0 | 68.0 | 68.1 | 68.2 |
| ≥ 10000 | 48.8 | 67.4 | 68.9 | 69.7 | 70.3 | 70.3 | 70.5 | 70.6 | 70.6 | 70.7 | 70.8 | 70.8 | 70.9 | 70.9 | 71.0 | 71.1 |
| ≥ 9000 | 49.2 | 68.0 | 69.5 | 70.4 | 71.0 | 71.0 | 71.2 | 71.3 | 71.3 | 71.4 | 71.5 | 71.5 | 71.6 | 71.6 | 71.7 | 71.8 |
| ≥ 8000 | 50.3 | 70.1 | 71.7 | 72.6 | 73.2 | 73.3 | 73.5 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.9 | 74.1 |
| ≥ 7000 | 51.0 | 71.4 | 73.0 | 74.0 | 74.6 | 74.7 | 75.0 | 75.0 | 75.0 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.4 | 75.5 |
| ≥ 6000 | 51.4 | 72.2 | 73.9 | 74.9 | 75.5 | 75.6 | 75.9 | 75.9 | 76.0 | 76.1 | 76.1 | 76.1 | 76.2 | 76.3 | 76.3 | 76.5 |
| ≥ 5000 | 51.9 | 73.2 | 74.9 | 76.0 | 76.7 | 76.7 | 77.0 | 77.1 | 77.1 | 77.2 | 77.3 | 77.3 | 77.4 | 77.4 | 77.5 | 77.6 |
| ≥ 4500 | 52.1 | 73.6 | 75.4 | 76.5 | 77.1 | 77.2 | 77.5 | 77.6 | 77.6 | 77.7 | 77.8 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 |
| ≥ 4000 | 52.6 | 74.7 | 76.6 | 77.7 | 78.5 | 78.5 | 78.8 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.2 | 79.3 | 79.3 | 79.5 |
| ≥ 3500 | 53.0 | 75.5 | 77.4 | 78.6 | 79.4 | 79.5 | 79.8 | 79.9 | 79.9 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.3 | 80.4 |
| ≥ 3000 | 53.7 | 76.9 | 78.9 | 80.2 | 81.0 | 81.1 | 81.4 | 81.5 | 81.5 | 81.7 | 81.7 | 81.8 | 81.9 | 81.9 | 82.0 | 82.1 |
| ≥ 2500 | 54.6 | 78.7 | 80.8 | 82.2 | 83.1 | 83.2 | 83.5 | 83.7 | 83.7 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.2 |
| ≥ 2000 | 55.5 | 80.7 | 83.1 | 84.6 | 85.6 | 85.7 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.5 | 86.6 | 86.6 | 86.7 | 86.9 |
| ≥ 1800 | 55.7 | 81.1 | 83.5 | 85.1 | 86.1 | 86.2 | 86.6 | 86.8 | 86.8 | 86.9 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.4 |
| ≥ 1500 | 56.3 | 82.5 | 85.0 | 86.7 | 87.8 | 87.9 | 88.4 | 88.5 | 88.5 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 89.0 | 89.2 |
| ≥ 1200 | 56.7 | 83.6 | 86.2 | 88.0 | 89.2 | 89.3 | 89.8 | 90.0 | 90.0 | 90.2 | 90.3 | 90.3 | 90.4 | 90.5 | 90.5 | 90.7 |
| ≥ 1000 | 57.0 | 84.4 | 87.2 | 89.1 | 90.4 | 90.5 | 91.1 | 91.3 | 91.3 | 91.6 | 91.6 | 91.7 | 91.8 | 91.8 | 91.9 | 92.0 |
| ≥ 900 | 57.1 | 84.8 | 87.6 | 89.5 | 90.9 | 91.0 | 91.6 | 91.8 | 91.9 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.5 | 92.6 |
| ≥ 800 | 57.2 | 85.2 | 88.2 | 90.2 | 91.6 | 91.8 | 92.4 | 92.7 | 92.7 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.3 | 93.5 |
| ≥ 700 | 57.3 | 85.6 | 88.6 | 90.6 | 92.2 | 92.3 | 93.0 | 93.3 | 93.3 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 94.0 | 94.1 |
| ≥ 600 | 57.4 | 85.8 | 88.9 | 91.1 | 92.7 | 92.9 | 93.7 | 93.9 | 94.0 | 94.3 | 94.4 | 94.4 | 94.6 | 94.6 | 94.7 | 94.8 |
| ≥ 500 | 57.4 | 86.1 | 89.3 | 91.6 | 93.4 | 93.6 | 94.5 | 94.8 | 94.8 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 | 95.6 | 95.8 |
| ≥ 400 | 57.4 | 86.3 | 89.6 | 91.9 | 93.8 | 94.1 | 95.0 | 95.4 | 95.5 | 95.9 | 96.1 | 96.1 | 96.3 | 96.3 | 96.4 | 96.6 |
| ≥ 300 | 57.4 | 86.4 | 89.7 | 92.1 | 94.1 | 94.4 | 95.5 | 95.9 | 96.0 | 96.6 | 96.8 | 96.8 | 97.1 | 97.1 | 97.3 | 97.5 |
| ≥ 200 | 57.4 | 86.4 | 89.7 | 92.2 | 94.2 | 94.5 | 95.7 | 96.2 | 96.2 | 96.9 | 97.2 | 97.3 | 97.6 | 97.8 | 98.0 | 98.3 |
| ≥ 100 | 57.4 | 86.4 | 89.7 | 92.2 | 94.2 | 94.5 | 95.7 | 96.2 | 96.3 | 97.0 | 97.3 | 97.4 | 97.9 | 98.0 | 98.5 | 99.1 |
| ≥ 0 | 57.4 | 86.4 | 89.7 | 92.2 | 94.2 | 94.5 | 95.7 | 96.2 | 96.3 | 97.0 | 97.4 | 97.4 | 97.9 | 98.1 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 267569

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.1 | 38.3 | 39.6 | 40.4 | 41.0 | 41.1 | 41.2 | 41.3 | 41.3 | 41.4 | 41.5 | 41.5 | 41.7 | 41.7 | 41.9 | 42.2 |
| ≥ 20000 | 31.0 | 43.6 | 45.1 | 45.9 | 46.6 | 46.6 | 46.8 | 46.8 | 46.9 | 47.0 | 47.1 | 47.1 | 47.3 | 47.3 | 47.5 | 47.8 |
| IV 18000 | 31.1 | 43.7 | 45.2 | 46.1 | 46.7 | 46.7 | 47.0 | 47.0 | 47.0 | 47.2 | 47.3 | 47.3 | 47.4 | 47.5 | 47.6 | 48.0 |
| IV 16000 | 31.2 | 43.9 | 45.4 | 46.3 | 46.9 | 46.9 | 47.1 | 47.2 | 47.2 | 47.4 | 47.5 | 47.5 | 47.6 | 47.7 | 47.8 | 48.2 |
| IV 14000 | 31.7 | 44.7 | 46.2 | 47.1 | 47.8 | 47.8 | 48.0 | 48.1 | 48.1 | 48.3 | 48.4 | 48.4 | 48.5 | 48.6 | 48.7 | 49.1 |
| IV 12000 | 32.8 | 46.4 | 48.0 | 49.0 | 49.7 | 49.7 | 49.9 | 50.0 | 50.0 | 50.2 | 50.3 | 50.3 | 50.5 | 50.5 | 50.7 | 51.0 |
| IV 10000 | 33.8 | 48.0 | 49.7 | 50.7 | 51.5 | 51.5 | 51.8 | 51.8 | 51.9 | 52.1 | 52.1 | 52.1 | 52.3 | 52.4 | 52.6 | 52.9 |
| IV 9000 | 34.2 | 48.7 | 50.3 | 51.4 | 52.2 | 52.2 | 52.5 | 52.6 | 52.6 | 52.8 | 52.9 | 52.9 | 53.1 | 53.1 | 53.3 | 53.7 |
| IV 8000 | 35.4 | 50.9 | 52.6 | 53.8 | 54.6 | 54.7 | 55.0 | 55.1 | 55.1 | 55.3 | 55.4 | 55.4 | 55.6 | 55.6 | 55.8 | 56.2 |
| IV 7000 | 36.3 | 52.5 | 54.4 | 55.6 | 56.4 | 56.5 | 56.8 | 56.9 | 56.9 | 57.1 | 57.2 | 57.2 | 57.4 | 57.5 | 57.7 | 58.0 |
| IV 6000 | 37.0 | 53.9 | 55.9 | 57.2 | 58.0 | 58.1 | 58.5 | 58.6 | 58.6 | 58.8 | 58.9 | 58.9 | 59.1 | 59.2 | 59.4 | 59.8 |
| IV 5000 | 37.7 | 55.5 | 57.6 | 59.0 | 59.9 | 59.9 | 60.3 | 60.5 | 60.5 | 60.7 | 60.8 | 60.8 | 61.1 | 61.1 | 61.3 | 61.7 |
| IV 4500 | 38.1 | 56.2 | 58.3 | 59.7 | 60.7 | 60.7 | 61.2 | 61.3 | 61.3 | 61.6 | 61.7 | 61.7 | 61.9 | 61.9 | 62.2 | 62.5 |
| IV 4000 | 38.9 | 57.8 | 59.9 | 61.4 | 62.5 | 62.5 | 63.0 | 63.2 | 63.2 | 63.5 | 63.6 | 63.6 | 63.9 | 63.9 | 64.1 | 64.5 |
| IV 3500 | 39.3 | 58.9 | 61.2 | 62.7 | 63.8 | 63.9 | 64.4 | 64.6 | 64.6 | 64.9 | 65.0 | 65.0 | 65.3 | 65.3 | 65.5 | 65.9 |
| IV 3000 | 39.0 | 60.4 | 62.8 | 64.5 | 65.7 | 65.8 | 66.3 | 66.5 | 66.5 | 66.8 | 66.9 | 66.9 | 67.2 | 67.2 | 67.5 | 67.9 |
| IV 2500 | 40.6 | 62.4 | 65.0 | 66.8 | 68.1 | 68.3 | 68.9 | 69.1 | 69.1 | 69.4 | 69.6 | 69.6 | 69.8 | 69.9 | 70.1 | 70.5 |
| IV 2000 | 41.6 | 64.7 | 67.5 | 69.5 | 71.0 | 71.2 | 71.9 | 72.1 | 72.1 | 72.5 | 72.6 | 72.6 | 72.9 | 72.9 | 73.2 | 73.6 |
| IV 1800 | 41.8 | 65.2 | 68.0 | 70.0 | 71.7 | 71.8 | 72.5 | 72.7 | 72.8 | 73.1 | 73.3 | 73.3 | 73.5 | 73.6 | 73.8 | 74.2 |
| IV 1500 | 42.3 | 66.9 | 69.9 | 72.1 | 73.8 | 73.9 | 74.7 | 75.0 | 75.0 | 75.4 | 75.6 | 75.6 | 75.9 | 75.9 | 76.2 | 76.6 |
| IV 1200 | 42.6 | 68.2 | 71.4 | 73.7 | 75.6 | 75.7 | 76.6 | 76.9 | 76.9 | 77.3 | 77.5 | 77.5 | 77.8 | 77.8 | 78.1 | 78.5 |
| IV 1000 | 42.9 | 69.3 | 72.7 | 75.2 | 77.3 | 77.4 | 78.4 | 78.7 | 78.8 | 79.2 | 79.4 | 79.4 | 79.7 | 79.8 | 80.0 | 80.4 |
| IV 900 | 43.1 | 70.0 | 73.4 | 76.0 | 78.2 | 78.4 | 79.4 | 79.8 | 79.8 | 80.3 | 80.4 | 80.4 | 80.8 | 80.8 | 81.1 | 81.5 |
| IV 800 | 43.2 | 70.6 | 74.3 | 77.0 | 79.3 | 79.5 | 80.6 | 81.0 | 81.1 | 81.6 | 81.8 | 81.8 | 82.1 | 82.1 | 82.4 | 82.8 |
| IV 700 | 43.3 | 71.2 | 75.0 | 77.9 | 80.3 | 80.6 | 81.8 | 82.2 | 82.3 | 82.8 | 83.0 | 83.0 | 83.4 | 83.4 | 83.7 | 84.1 |
| IV 600 | 43.4 | 71.7 | 75.6 | 78.7 | 81.3 | 81.6 | 83.0 | 83.4 | 83.5 | 84.1 | 84.3 | 84.3 | 84.7 | 84.7 | 85.0 | 85.4 |
| IV 500 | 43.4 | 72.3 | 76.4 | 79.6 | 82.6 | 83.0 | 84.6 | 85.2 | 85.3 | 86.1 | 86.4 | 86.4 | 86.8 | 86.8 | 87.1 | 87.6 |
| IV 400 | 43.5 | 72.6 | 77.0 | 80.3 | 83.7 | 84.1 | 86.0 | 86.8 | 86.9 | 87.8 | 88.1 | 88.1 | 88.6 | 88.7 | 89.0 | 89.5 |
| IV 300 | 43.5 | 72.8 | 77.2 | 80.7 | 84.3 | 84.8 | 87.0 | 88.0 | 88.2 | 89.3 | 89.9 | 89.9 | 90.6 | 90.8 | 91.3 | 91.9 |
| IV 200 | 43.5 | 72.8 | 77.3 | 80.8 | 84.6 | 85.1 | 87.4 | 88.5 | 88.7 | 90.3 | 91.0 | 91.1 | 92.2 | 92.5 | 93.3 | 94.3 |
| IV 100 | 43.5 | 72.9 | 77.4 | 80.9 | 84.7 | 85.2 | 87.6 | 88.7 | 88.9 | 90.7 | 91.5 | 91.6 | 93.1 | 93.6 | 94.9 | 97.1 |
| IV 0 | 43.5 | 72.9 | 77.4 | 80.9 | 84.7 | 85.2 | 87.6 | 88.8 | 89.0 | 90.7 | 91.6 | 91.7 | 93.3 | 93.9 | 95.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 22467

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 29.3 | 42.3 | 43.8 | 44.7 | 45.2 | 45.3 | 45.6 | 45.6 | 45.7 | 45.8 | 45.9 | 45.9 | 46.0 | 46.0 | 46.1 | 46.2 |
| ≥ 20000 | 32.6 | 47.3 | 49.0 | 50.0 | 50.7 | 50.8 | 51.0 | 51.1 | 51.1 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.6 | 51.7 |
| IV ≥ 18000 | 32.7 | 47.4 | 49.1 | 50.2 | 50.8 | 50.9 | 51.2 | 51.3 | 51.3 | 51.5 | 51.6 | 51.6 | 51.7 | 51.7 | 51.7 | 51.9 |
| IV ≥ 16000 | 32.8 | 47.6 | 49.3 | 50.3 | 51.0 | 51.1 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.7 | 51.8 | 51.8 | 51.9 | 52.0 |
| IV ≥ 14000 | 33.2 | 48.4 | 50.1 | 51.2 | 51.9 | 52.0 | 52.2 | 52.3 | 52.3 | 52.5 | 52.6 | 52.6 | 52.7 | 52.7 | 52.8 | 52.9 |
| IV ≥ 12000 | 34.3 | 50.3 | 52.1 | 53.2 | 53.9 | 54.0 | 54.3 | 54.4 | 54.4 | 54.6 | 54.7 | 54.7 | 54.8 | 54.8 | 54.9 | 55.0 |
| IV ≥ 10000 | 36.0 | 52.9 | 54.8 | 56.0 | 56.8 | 56.9 | 57.2 | 57.3 | 57.3 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.9 |
| IV ≥ 9000 | 36.4 | 53.5 | 55.5 | 56.7 | 57.4 | 57.5 | 57.8 | 57.9 | 57.9 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.5 |
| IV ≥ 8000 | 37.7 | 55.7 | 57.8 | 59.2 | 60.0 | 60.1 | 60.4 | 60.5 | 60.5 | 60.7 | 60.8 | 60.8 | 60.9 | 60.9 | 61.0 | 61.1 |
| IV ≥ 7000 | 38.3 | 57.1 | 59.3 | 60.8 | 61.7 | 61.8 | 62.1 | 62.2 | 62.3 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.8 | 62.9 |
| IV ≥ 6000 | 39.0 | 58.5 | 60.8 | 62.3 | 63.3 | 63.5 | 63.8 | 63.9 | 63.9 | 64.1 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.6 |
| IV ≥ 5000 | 39.6 | 59.9 | 62.3 | 64.0 | 65.0 | 65.2 | 65.6 | 65.7 | 65.7 | 65.9 | 66.1 | 66.1 | 66.2 | 66.2 | 66.3 | 66.4 |
| IV ≥ 4500 | 39.9 | 60.7 | 63.1 | 64.9 | 65.9 | 66.1 | 66.5 | 66.6 | 66.7 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.2 | 67.3 |
| IV ≥ 4000 | 40.5 | 62.2 | 64.8 | 66.6 | 67.7 | 67.9 | 68.3 | 68.5 | 68.5 | 68.7 | 68.9 | 68.9 | 69.0 | 69.0 | 69.1 | 69.2 |
| IV ≥ 3500 | 41.0 | 63.4 | 66.1 | 68.0 | 69.1 | 69.4 | 69.8 | 69.9 | 70.0 | 70.2 | 70.3 | 70.3 | 70.4 | 70.5 | 70.5 | 70.7 |
| IV ≥ 3000 | 41.5 | 65.0 | 67.8 | 69.8 | 71.0 | 71.2 | 71.7 | 71.9 | 71.9 | 72.1 | 72.3 | 72.3 | 72.4 | 72.4 | 72.5 | 72.6 |
| IV ≥ 2500 | 42.1 | 66.5 | 69.5 | 71.7 | 73.0 | 73.2 | 73.7 | 73.8 | 73.9 | 74.1 | 74.3 | 74.3 | 74.4 | 74.4 | 74.5 | 74.6 |
| IV ≥ 2000 | 42.8 | 68.6 | 71.9 | 74.2 | 75.7 | 76.0 | 76.5 | 76.7 | 76.8 | 77.0 | 77.2 | 77.2 | 77.3 | 77.3 | 77.4 | 77.6 |
| IV ≥ 1800 | 43.0 | 69.1 | 72.4 | 74.9 | 76.4 | 76.7 | 77.2 | 77.4 | 77.5 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 | 78.1 | 78.3 |
| IV ≥ 1500 | 43.4 | 70.4 | 74.0 | 76.6 | 78.4 | 78.6 | 79.3 | 79.5 | 79.5 | 79.8 | 80.0 | 80.0 | 80.1 | 80.1 | 80.2 | 80.4 |
| IV ≥ 1200 | 43.8 | 71.9 | 75.8 | 78.6 | 80.6 | 80.9 | 81.6 | 81.8 | 81.9 | 82.2 | 82.4 | 82.4 | 82.6 | 82.6 | 82.7 | 82.8 |
| IV ≥ 1000 | 44.1 | 72.8 | 77.0 | 79.9 | 82.1 | 82.5 | 83.3 | 83.6 | 83.6 | 84.0 | 84.2 | 84.2 | 84.4 | 84.4 | 84.5 | 84.6 |
| IV ≥ 900 | 44.4 | 73.5 | 77.7 | 80.8 | 83.0 | 83.3 | 84.2 | 84.5 | 84.6 | 85.0 | 85.2 | 85.2 | 85.4 | 85.4 | 85.5 | 85.6 |
| IV ≥ 800 | 44.5 | 74.0 | 78.4 | 81.6 | 84.1 | 84.4 | 85.4 | 85.8 | 85.9 | 86.3 | 86.5 | 86.5 | 86.7 | 86.7 | 86.8 | 87.0 |
| IV ≥ 700 | 44.6 | 74.5 | 79.0 | 82.4 | 84.9 | 85.3 | 86.4 | 86.8 | 86.8 | 87.4 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 88.1 |
| IV ≥ 600 | 44.7 | 74.9 | 79.5 | 83.0 | 85.7 | 86.1 | 87.3 | 87.8 | 87.8 | 88.4 | 88.6 | 88.6 | 88.9 | 88.9 | 89.0 | 89.2 |
| IV ≥ 500 | 44.8 | 75.3 | 80.1 | 83.9 | 86.8 | 87.3 | 88.7 | 89.2 | 89.3 | 89.9 | 90.2 | 90.2 | 90.5 | 90.5 | 90.6 | 90.8 |
| IV ≥ 400 | 44.8 | 75.5 | 80.4 | 84.4 | 87.6 | 88.1 | 89.8 | 90.5 | 90.6 | 91.4 | 91.8 | 91.8 | 92.1 | 92.2 | 92.3 | 92.5 |
| IV ≥ 300 | 44.8 | 75.7 | 80.7 | 84.7 | 88.2 | 88.7 | 90.7 | 91.5 | 91.6 | 92.8 | 93.2 | 93.2 | 93.7 | 93.8 | 94.0 | 94.3 |
| IV ≥ 200 | 44.8 | 75.7 | 80.8 | 84.9 | 88.4 | 89.0 | 91.1 | 92.0 | 92.2 | 93.5 | 94.0 | 94.1 | 94.9 | 95.0 | 95.5 | 96.0 |
| IV ≥ 100 | 44.8 | 75.7 | 80.8 | 84.9 | 88.4 | 89.0 | 91.2 | 92.1 | 92.2 | 93.7 | 94.3 | 94.4 | 95.3 | 95.6 | 96.5 | 97.8 |
| IV ≥ 0 | 44.8 | 75.7 | 80.8 | 84.9 | 88.4 | 89.0 | 91.2 | 92.1 | 92.2 | 93.7 | 94.3 | 94.5 | 95.3 | 95.7 | 96.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 20537

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.9 | 43.8 | 45.0 | 45.6 | 46.1 | 46.1 | 46.3 | 46.3 | 46.3 | 46.4 | 46.4 | 46.4 | 46.5 | 46.5 | 46.6 | 46.7 |
| ≥ 20000 | 36.6 | 49.5 | 50.9 | 51.6 | 52.2 | 52.2 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.8 | 52.9 |
| IV 18000 | 36.7 | 49.6 | 51.0 | 51.7 | 52.3 | 52.3 | 52.5 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.9 | 53.0 |
| IV 16000 | 36.8 | 49.8 | 51.2 | 51.9 | 52.5 | 52.5 | 52.8 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 53.0 | 53.0 | 53.1 | 53.2 |
| IV 14000 | 37.5 | 50.8 | 52.3 | 53.1 | 53.7 | 53.8 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.4 |
| IV 12000 | 38.5 | 52.5 | 54.1 | 54.9 | 55.6 | 55.6 | 55.8 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.2 | 56.3 |
| IV 10000 | 39.7 | 54.5 | 56.3 | 57.1 | 57.8 | 57.9 | 58.1 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.5 | 58.6 |
| IV 9000 | 40.0 | 55.1 | 56.9 | 57.8 | 58.5 | 58.5 | 58.8 | 58.8 | 58.9 | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 59.2 | 59.2 |
| IV 8000 | 40.8 | 56.7 | 58.6 | 59.6 | 60.3 | 60.4 | 60.7 | 60.7 | 60.7 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.1 |
| IV 7000 | 41.4 | 58.0 | 60.0 | 61.1 | 61.8 | 61.9 | 62.2 | 62.2 | 62.2 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.6 | 62.7 |
| IV 6000 | 42.0 | 59.2 | 61.3 | 62.4 | 63.1 | 63.2 | 63.5 | 63.6 | 63.6 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.0 |
| IV 5000 | 42.6 | 60.4 | 62.5 | 63.7 | 64.6 | 64.7 | 65.0 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.5 |
| IV 4500 | 42.8 | 60.9 | 63.1 | 64.4 | 65.2 | 65.3 | 65.6 | 65.7 | 65.7 | 65.8 | 65.9 | 65.9 | 66.0 | 66.0 | 66.1 | 66.2 |
| IV 4000 | 43.5 | 62.1 | 64.8 | 66.0 | 66.9 | 67.0 | 67.4 | 67.5 | 67.5 | 67.7 | 67.7 | 67.7 | 67.8 | 67.9 | 67.9 | 68.0 |
| IV 3500 | 44.0 | 63.4 | 65.9 | 67.2 | 68.2 | 68.3 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.0 | 69.1 | 69.1 | 69.2 | 69.3 |
| IV 3000 | 44.5 | 64.9 | 67.6 | 69.1 | 70.2 | 70.2 | 70.7 | 70.8 | 70.8 | 70.9 | 71.0 | 71.0 | 71.1 | 71.1 | 71.2 | 71.3 |
| IV 2500 | 45.1 | 66.6 | 69.6 | 71.2 | 72.4 | 72.5 | 73.0 | 73.1 | 73.1 | 73.2 | 73.3 | 73.3 | 73.4 | 73.5 | 73.5 | 73.6 |
| IV 2000 | 45.7 | 68.5 | 71.8 | 73.5 | 74.8 | 74.9 | 75.5 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.2 |
| IV 1800 | 45.9 | 69.0 | 72.4 | 74.2 | 75.5 | 75.6 | 76.2 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.8 | 76.8 | 76.8 | 76.9 |
| IV 1500 | 46.4 | 70.4 | 74.0 | 75.9 | 77.4 | 77.5 | 78.2 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.8 | 78.8 | 78.9 | 78.9 |
| IV 1200 | 46.9 | 71.7 | 75.4 | 77.6 | 79.2 | 79.4 | 80.1 | 80.3 | 80.4 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.9 | 81.0 |
| IV 1000 | 47.1 | 72.6 | 76.5 | 78.8 | 80.6 | 80.8 | 81.7 | 81.9 | 82.0 | 82.3 | 82.4 | 82.4 | 82.5 | 82.6 | 82.6 | 82.7 |
| IV 900 | 47.2 | 73.0 | 77.0 | 79.5 | 81.4 | 81.6 | 82.5 | 82.8 | 82.8 | 83.2 | 83.3 | 83.3 | 83.5 | 83.5 | 83.6 | 83.6 |
| IV 800 | 47.4 | 73.8 | 77.9 | 80.6 | 82.7 | 82.9 | 84.0 | 84.3 | 84.3 | 84.7 | 84.8 | 84.8 | 85.0 | 85.0 | 85.1 | 85.2 |
| IV 700 | 47.4 | 74.4 | 78.7 | 81.4 | 83.7 | 84.0 | 85.1 | 85.5 | 85.5 | 85.9 | 86.0 | 86.0 | 86.2 | 86.3 | 86.3 | 86.4 |
| IV 600 | 47.6 | 75.0 | 79.5 | 82.5 | 85.0 | 85.3 | 86.6 | 87.0 | 87.1 | 87.5 | 87.7 | 87.7 | 87.9 | 87.9 | 88.0 | 88.1 |
| IV 500 | 47.6 | 75.6 | 80.2 | 83.4 | 86.2 | 86.6 | 88.2 | 88.7 | 88.8 | 89.3 | 89.5 | 89.5 | 89.7 | 89.8 | 89.8 | 89.9 |
| IV 400 | 47.6 | 75.9 | 80.7 | 84.1 | 87.2 | 87.6 | 89.5 | 90.2 | 90.3 | 91.0 | 91.2 | 91.2 | 91.5 | 91.6 | 91.6 | 91.7 |
| IV 300 | 47.7 | 76.0 | 80.9 | 84.5 | 87.8 | 88.4 | 90.6 | 91.6 | 91.7 | 92.8 | 93.2 | 93.2 | 93.7 | 93.9 | 94.1 | 94.3 |
| IV 200 | 47.7 | 76.1 | 81.1 | 84.7 | 88.1 | 88.7 | 91.1 | 92.2 | 92.3 | 93.7 | 94.3 | 94.4 | 95.2 | 95.5 | 96.0 | 96.6 |
| IV 100 | 47.7 | 76.1 | 81.1 | 84.8 | 88.2 | 88.8 | 91.2 | 92.3 | 92.5 | 93.9 | 94.6 | 94.7 | 95.8 | 96.3 | 97.1 | 98.5 |
| IV 0 | 47.7 | 76.1 | 81.1 | 84.8 | 88.2 | 88.8 | 91.2 | 92.3 | 92.5 | 93.9 | 94.6 | 94.7 | 95.9 | 96.4 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 21893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 39.4 | 51.4 | 52.3 | 52.9 | 53.2 | 53.3 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.6 | 53.6 | 53.6 | 53.7 | 53.8 |
| ≥ 20000 | 44.9 | 59.3 | 60.5 | 61.2 | 61.5 | 61.6 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 62.0 | 62.0 | 62.1 | 62.1 |
| IV 18000 | 44.9 | 59.5 | 60.7 | 61.3 | 61.7 | 61.8 | 61.9 | 62.0 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.2 | 62.3 | 62.3 |
| IV 16000 | 45.0 | 59.7 | 60.9 | 61.6 | 61.9 | 62.0 | 62.1 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.4 | 62.4 | 62.5 | 62.6 |
| IV 14000 | 45.4 | 60.3 | 61.6 | 62.3 | 62.6 | 62.7 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.2 | 63.3 |
| IV 12000 | 46.5 | 61.8 | 63.0 | 63.7 | 64.1 | 64.2 | 64.3 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.7 | 64.8 |
| IV 10000 | 47.5 | 63.6 | 64.8 | 65.6 | 66.0 | 66.1 | 66.3 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.6 | 66.7 | 66.7 |
| IV 9000 | 47.7 | 63.9 | 65.2 | 66.0 | 66.4 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.1 |
| IV 8000 | 48.5 | 65.7 | 67.1 | 68.0 | 68.4 | 68.5 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 69.0 | 69.1 |
| IV 7000 | 49.1 | 66.7 | 68.2 | 69.1 | 69.6 | 69.6 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.2 | 70.3 |
| IV 6000 | 49.4 | 67.4 | 68.9 | 69.9 | 70.3 | 70.4 | 70.6 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.9 | 70.9 | 71.0 | 71.1 |
| IV 5000 | 49.9 | 68.4 | 70.0 | 71.0 | 71.6 | 71.6 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 | 72.3 |
| IV 4500 | 50.2 | 68.8 | 70.4 | 71.5 | 72.0 | 72.1 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.7 |
| IV 4000 | 50.8 | 70.0 | 71.7 | 72.9 | 73.5 | 73.6 | 73.8 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.1 | 74.2 | 74.2 |
| IV 3500 | 51.1 | 70.7 | 72.5 | 73.7 | 74.3 | 74.4 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 75.0 | 75.1 |
| IV 3000 | 51.8 | 72.2 | 74.1 | 75.5 | 76.2 | 76.3 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.9 | 77.0 |
| IV 2500 | 52.7 | 74.0 | 76.1 | 77.5 | 78.3 | 78.4 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.1 | 79.2 |
| IV 2000 | 53.8 | 76.2 | 78.6 | 80.2 | 81.1 | 81.2 | 81.5 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 82.0 | 82.1 |
| IV 1800 | 54.0 | 76.7 | 79.1 | 80.8 | 81.6 | 81.7 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 | 82.5 | 82.6 | 82.6 |
| IV 1500 | 54.8 | 78.4 | 81.0 | 82.8 | 83.8 | 83.9 | 84.3 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.7 | 84.7 | 84.8 | 84.9 |
| IV 1200 | 55.7 | 80.6 | 83.4 | 85.5 | 86.6 | 86.7 | 87.2 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.7 | 87.8 |
| IV 1000 | 56.3 | 82.2 | 85.3 | 87.5 | 88.8 | 89.0 | 89.5 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 90.0 | 90.1 |
| IV 900 | 56.5 | 83.0 | 86.1 | 88.5 | 89.8 | 90.0 | 90.5 | 90.7 | 90.7 | 90.8 | 90.9 | 90.9 | 91.0 | 91.0 | 91.1 | 91.2 |
| IV 800 | 56.7 | 83.8 | 87.1 | 89.6 | 91.1 | 91.3 | 91.9 | 92.1 | 92.1 | 92.3 | 92.3 | 92.4 | 92.4 | 92.5 | 92.6 | 92.7 |
| IV 700 | 56.9 | 84.5 | 88.0 | 90.7 | 92.2 | 92.4 | 93.1 | 93.4 | 93.4 | 93.5 | 93.6 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 |
| IV 600 | 57.0 | 85.1 | 88.7 | 91.6 | 93.3 | 93.5 | 94.3 | 94.6 | 94.6 | 94.7 | 94.8 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 |
| IV 500 | 57.1 | 85.5 | 89.2 | 92.3 | 94.1 | 94.4 | 95.3 | 95.7 | 95.7 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.3 | 96.4 |
| IV 400 | 57.1 | 85.7 | 89.5 | 92.7 | 94.7 | 95.0 | 96.0 | 96.5 | 96.5 | 96.8 | 96.9 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 |
| IV 300 | 57.1 | 85.8 | 89.7 | 93.0 | 95.0 | 95.3 | 96.5 | 97.1 | 97.1 | 97.5 | 97.6 | 97.6 | 97.8 | 97.9 | 98.0 | 98.1 |
| IV 200 | 57.1 | 85.9 | 89.8 | 93.1 | 95.2 | 95.5 | 96.9 | 97.4 | 97.5 | 97.9 | 98.1 | 98.1 | 98.4 | 98.5 | 98.8 | 98.9 |
| IV 100 | 57.1 | 85.9 | 89.8 | 93.1 | 95.2 | 95.5 | 96.9 | 97.4 | 97.5 | 98.0 | 98.2 | 98.2 | 98.6 | 98.8 | 99.2 | 99.5 |
| IV 0 | 57.1 | 85.9 | 89.8 | 93.1 | 95.2 | 95.5 | 96.9 | 97.4 | 97.5 | 98.0 | 98.2 | 98.2 | 98.7 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 21435

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 46.4 | 59.5 | 60.1 | 60.4 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 20000 | 53.8 | 69.8 | 70.5 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 18000 | 54.0 | 70.0 | 70.6 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| IV 16000 | 54.1 | 70.1 | 70.8 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 |
| IV 14000 | 54.8 | 71.1 | 71.8 | 72.1 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 12000 | 56.2 | 73.0 | 73.7 | 74.1 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| IV 10000 | 57.5 | 75.2 | 76.0 | 76.4 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 9000 | 57.8 | 75.7 | 76.5 | 76.9 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 |
| IV 8000 | 58.8 | 77.4 | 78.3 | 78.7 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| IV 7000 | 59.5 | 78.4 | 79.3 | 79.7 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| IV 6000 | 59.7 | 79.0 | 79.9 | 80.4 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| IV 5000 | 60.3 | 80.0 | 80.9 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 4500 | 60.4 | 80.1 | 81.1 | 81.6 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV 4000 | 61.1 | 81.2 | 82.3 | 82.8 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| IV 3500 | 61.5 | 81.9 | 83.1 | 83.7 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 |
| IV 3000 | 62.4 | 83.4 | 84.6 | 85.3 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 2500 | 63.5 | 85.1 | 86.4 | 87.1 | 87.4 | 87.4 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 2000 | 65.2 | 87.7 | 89.1 | 89.8 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| IV 1800 | 65.4 | 88.2 | 89.5 | 90.3 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 1500 | 66.6 | 90.2 | 91.7 | 92.5 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 1200 | 67.5 | 92.0 | 93.6 | 94.5 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 1000 | 69.2 | 93.4 | 95.1 | 96.1 | 96.6 | 96.7 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 |
| IV 900 | 68.4 | 93.8 | 95.6 | 96.6 | 97.2 | 97.2 | 97.5 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 800 | 68.6 | 94.3 | 96.1 | 97.1 | 97.7 | 97.9 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 700 | 68.7 | 94.6 | 96.5 | 97.6 | 98.2 | 98.3 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 600 | 68.7 | 94.8 | 96.7 | 97.8 | 98.5 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 500 | 68.8 | 95.0 | 96.9 | 98.1 | 98.8 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 68.8 | 95.1 | 97.0 | 98.2 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 300 | 68.8 | 95.1 | 97.0 | 98.2 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| IV 200 | 68.8 | 95.1 | 97.0 | 98.2 | 98.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 68.8 | 95.1 | 97.0 | 98.2 | 98.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 68.8 | 95.1 | 97.1 | 98.2 | 99.0 | 99.1 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 22680

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (ST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 48.1 | 61.2 | 61.9 | 62.4 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 |
| ≥ 20000 | 57.5 | 73.4 | 74.2 | 74.8 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 18000 | 57.7 | 73.6 | 74.5 | 75.0 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 |
| IV 16000 | 57.9 | 73.9 | 74.8 | 75.3 | 75.5 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| IV 14000 | 59.2 | 75.6 | 76.5 | 77.1 | 77.2 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| IV 12000 | 61.3 | 78.2 | 79.2 | 79.9 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| IV 10000 | 63.2 | 80.9 | 82.0 | 82.7 | 82.9 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 9000 | 63.6 | 81.5 | 82.5 | 83.3 | 83.5 | 83.5 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 8000 | 64.7 | 83.1 | 84.2 | 85.0 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| IV 7000 | 65.4 | 84.2 | 85.3 | 86.1 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 6000 | 65.6 | 84.6 | 85.7 | 86.5 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 5000 | 65.9 | 85.0 | 86.1 | 87.0 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 4500 | 66.1 | 85.2 | 86.4 | 87.2 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 4000 | 66.4 | 85.9 | 87.1 | 87.9 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 3500 | 66.7 | 86.3 | 87.5 | 88.4 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 3000 | 67.7 | 87.9 | 89.1 | 90.0 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 2500 | 69.0 | 89.8 | 91.1 | 92.1 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 |
| IV 2000 | 70.5 | 92.2 | 93.6 | 94.6 | 95.1 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 1800 | 70.8 | 92.6 | 94.1 | 95.1 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV 1500 | 71.6 | 94.0 | 95.5 | 96.7 | 97.2 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 1200 | 72.0 | 94.7 | 96.3 | 97.5 | 98.1 | 98.2 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 |
| IV 1000 | 72.2 | 95.1 | 96.8 | 98.0 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| IV 900 | 72.2 | 95.1 | 96.8 | 98.1 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 800 | 72.2 | 95.1 | 96.9 | 98.2 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 72.2 | 95.1 | 96.9 | 98.2 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| IV 600 | 72.2 | 95.2 | 96.9 | 98.3 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 500 | 72.2 | 95.2 | 97.0 | 98.3 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 400 | 72.2 | 95.2 | 97.0 | 98.3 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 300 | 72.3 | 95.3 | 97.0 | 98.4 | 99.1 | 99.2 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 200 | 72.3 | 95.3 | 97.0 | 98.4 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 72.3 | 95.3 | 97.0 | 98.4 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 72.3 | 95.3 | 97.0 | 98.4 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 21874

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 41.6 | 52.3 | 52.9 | 53.1 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| IV 20000 | 55.0 | 68.9 | 69.7 | 70.1 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 |
| IV 18000 | 55.1 | 69.1 | 69.9 | 70.3 | 70.5 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| IV 16000 | 55.5 | 69.5 | 70.3 | 70.7 | 70.9 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 14000 | 57.0 | 71.5 | 72.3 | 72.7 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| IV 12000 | 60.0 | 75.3 | 76.2 | 76.6 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 10000 | 63.6 | 80.4 | 81.5 | 81.9 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| IV 9000 | 64.3 | 81.5 | 82.5 | 83.0 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| IV 8000 | 65.7 | 83.9 | 85.0 | 85.5 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 7000 | 66.6 | 85.3 | 86.5 | 87.0 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 6000 | 66.8 | 85.7 | 86.9 | 87.5 | 87.8 | 87.8 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 5000 | 67.1 | 86.3 | 87.5 | 88.1 | 88.4 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 4500 | 67.3 | 86.5 | 87.7 | 88.3 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 4000 | 67.6 | 87.1 | 88.4 | 89.0 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 3500 | 68.0 | 87.7 | 89.0 | 89.6 | 90.0 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| IV 3000 | 68.8 | 89.2 | 90.5 | 91.2 | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 |
| IV 2500 | 70.4 | 91.5 | 92.9 | 93.7 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 2000 | 71.6 | 93.6 | 95.1 | 96.0 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1800 | 71.8 | 93.8 | 95.4 | 96.3 | 96.7 | 96.8 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1600 | 72.2 | 94.7 | 96.3 | 97.2 | 97.7 | 97.8 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1400 | 72.4 | 95.0 | 96.7 | 97.6 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 1200 | 72.4 | 95.2 | 96.9 | 97.9 | 98.5 | 98.6 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 1000 | 72.5 | 95.3 | 97.0 | 98.0 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| IV 900 | 72.5 | 95.4 | 97.1 | 98.2 | 98.8 | 98.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 800 | 72.5 | 95.4 | 97.1 | 98.2 | 98.8 | 98.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 72.5 | 95.4 | 97.2 | 98.2 | 98.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600 | 72.5 | 95.5 | 97.2 | 98.3 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 72.5 | 95.5 | 97.3 | 98.4 | 99.0 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 72.5 | 95.5 | 97.3 | 98.4 | 99.1 | 99.2 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 72.5 | 95.5 | 97.3 | 98.4 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 72.5 | 95.5 | 97.3 | 98.4 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 100 | 72.5 | 95.5 | 97.3 | 98.4 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 0 | 72.5 | 95.5 | 97.3 | 98.4 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 23216

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 44.7 | 57.8 | 58.9 | 59.3 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| IV 18000 16000 | 55.8 | 72.7 | 74.1 | 74.7 | 74.9 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 14000 12000 | 56.0 | 73.2 | 74.6 | 75.1 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| IV 10000 9000 | 57.2 | 74.8 | 76.2 | 76.8 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| IV 8000 7000 | 59.3 | 78.1 | 79.5 | 80.2 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 6000 5000 | 61.9 | 82.0 | 83.5 | 84.2 | 84.6 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| IV 4500 4000 | 62.3 | 82.7 | 84.3 | 85.0 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| IV 3500 3000 | 63.6 | 85.0 | 86.7 | 87.5 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| IV 2500 2000 | 64.1 | 85.9 | 87.6 | 88.4 | 88.8 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 1800 1500 | 64.3 | 86.3 | 88.1 | 88.9 | 89.3 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 1200 1000 | 64.5 | 86.8 | 88.6 | 89.4 | 89.8 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| IV 900 800 | 64.6 | 87.0 | 88.8 | 89.6 | 90.0 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 700 600 | 64.9 | 87.5 | 89.3 | 90.2 | 90.5 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IV 500 400 | 65.1 | 87.9 | 89.8 | 90.6 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 300 200 | 65.8 | 89.0 | 91.0 | 91.9 | 92.3 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 100 0 | 66.9 | 90.9 | 93.0 | 93.9 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 0 | 67.7 | 92.6 | 94.8 | 95.9 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 0 | 67.8 | 92.8 | 95.0 | 96.1 | 96.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 |
| IV 0 | 68.2 | 93.5 | 95.8 | 97.0 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 |
| IV 0 | 68.3 | 93.6 | 96.2 | 97.3 | 98.0 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 |
| IV 0 | 68.4 | 94.1 | 96.5 | 97.6 | 98.4 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 |
| IV 0 | 68.5 | 94.1 | 96.5 | 97.7 | 98.5 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 |
| IV 0 | 68.5 | 94.3 | 96.7 | 97.9 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| IV 0 | 68.5 | 94.3 | 96.7 | 97.9 | 98.7 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| IV 0 | 68.5 | 94.4 | 96.8 | 98.0 | 98.8 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| IV 0 | 68.5 | 94.4 | 96.8 | 98.1 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 0 | 68.5 | 94.4 | 96.8 | 98.1 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 0 | 68.5 | 94.4 | 96.9 | 98.1 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 |
| IV 0 | 68.5 | 94.4 | 96.9 | 98.1 | 99.0 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 0 | 68.5 | 94.4 | 96.9 | 98.1 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| IV 0 | 68.5 | 94.4 | 96.9 | 98.1 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 23494

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13620
STATION

KEESLER AFB MISSISSIPPI/BILGX1
STATION/FA

42-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 41.3 | 56.4 | 57.2 | 57.7 | 58.0 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 |
| ≥ 20000 | 48.3 | 60.2 | 67.1 | 67.7 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 |
| ≥ 18000 | 48.4 | 60.4 | 67.3 | 67.9 | 68.2 | 68.2 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 |
| ≥ 16000 | 48.6 | 60.6 | 67.6 | 68.2 | 68.5 | 68.6 | 68.6 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 |
| ≥ 14000 | 49.3 | 67.9 | 68.9 | 69.5 | 69.8 | 69.9 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 |
| ≥ 12000 | 51.4 | 71.3 | 72.4 | 73.0 | 73.4 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.9 |
| ≥ 10000 | 53.0 | 74.5 | 75.6 | 76.4 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 |
| ≥ 9000 | 52.6 | 75.3 | 76.5 | 77.3 | 77.7 | 77.8 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.2 | 78.2 |
| ≥ 8000 | 55.1 | 77.8 | 79.1 | 79.9 | 80.4 | 80.4 | 80.5 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 |
| ≥ 7000 | 55.8 | 79.4 | 80.7 | 81.5 | 82.1 | 82.1 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.6 |
| ≥ 6000 | 56.0 | 79.3 | 81.1 | 82.0 | 82.5 | 82.6 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 |
| ≥ 5000 | 56.2 | 80.3 | 81.7 | 82.6 | 83.1 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 |
| ≥ 4500 | 56.4 | 81.5 | 81.9 | 82.8 | 83.3 | 83.4 | 83.5 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 |
| ≥ 4000 | 56.8 | 81.2 | 82.7 | 83.6 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.7 | 84.7 |
| ≥ 3500 | 57.1 | 81.8 | 83.3 | 84.3 | 84.8 | 84.9 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.4 |
| ≥ 3000 | 57.8 | 83.1 | 84.6 | 85.6 | 86.2 | 86.3 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 |
| ≥ 2500 | 58.9 | 85.0 | 86.6 | 87.7 | 88.4 | 88.5 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 |
| ≥ 2000 | 59.9 | 87.2 | 89.0 | 90.3 | 91.1 | 91.2 | 91.5 | 91.6 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 |
| ≥ 1800 | 60.1 | 87.7 | 89.5 | 90.8 | 91.6 | 91.7 | 92.0 | 92.1 | 92.1 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.5 |
| ≥ 1500 | 60.7 | 89.1 | 91.0 | 92.4 | 93.3 | 93.4 | 93.8 | 93.9 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 |
| ≥ 1200 | 61.0 | 89.7 | 91.9 | 93.4 | 94.4 | 94.5 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 |
| ≥ 1000 | 61.3 | 90.6 | 92.7 | 94.3 | 95.5 | 95.6 | 96.0 | 96.1 | 96.1 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 |
| ≥ 900 | 61.4 | 90.9 | 93.0 | 94.6 | 95.8 | 95.9 | 96.4 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 800 | 61.5 | 91.2 | 93.4 | 95.1 | 96.4 | 96.5 | 97.0 | 97.2 | 97.2 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 700 | 61.6 | 91.5 | 93.7 | 95.5 | 96.6 | 96.9 | 97.4 | 97.6 | 97.6 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 |
| ≥ 600 | 61.6 | 91.7 | 94.0 | 95.8 | 97.3 | 97.3 | 97.9 | 98.0 | 98.1 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 61.6 | 91.9 | 94.2 | 96.1 | 97.7 | 97.8 | 98.4 | 98.5 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 |
| ≥ 400 | 61.6 | 91.9 | 94.3 | 96.2 | 97.8 | 97.9 | 98.6 | 98.7 | 98.7 | 98.9 | 99.1 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 |
| ≥ 300 | 61.6 | 92.0 | 94.3 | 96.2 | 97.9 | 98.0 | 98.7 | 98.9 | 98.9 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 |
| ≥ 200 | 61.6 | 92.0 | 94.3 | 96.2 | 97.9 | 98.0 | 98.7 | 98.9 | 98.9 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 |
| ≥ 100 | 61.6 | 92.0 | 94.3 | 96.2 | 97.9 | 98.0 | 98.7 | 98.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 0 | 61.6 | 92.0 | 94.3 | 96.2 | 97.9 | 98.0 | 98.7 | 98.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/DJLUX1

42-67,69-74

11C7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURLY

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 46.6 | 68.0 | 69.6 | 70.4 | 71.1 | 71.2 | 71.5 | 71.5 | 71.6 | 71.7 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 72.2 |
| ≥ 20000 | 50.7 | 73.6 | 75.4 | 76.2 | 77.0 | 77.1 | 77.3 | 77.4 | 77.5 | 77.6 | 77.6 | 77.7 | 77.8 | 77.8 | 77.9 | 78.1 |
| ≥ 18000 | 50.1 | 73.5 | 75.5 | 76.4 | 77.2 | 77.3 | 77.6 | 77.7 | 77.7 | 77.8 | 77.7 | 77.9 | 78.0 | 78.0 | 78.1 | 78.3 |
| ≥ 16000 | 50.2 | 74.0 | 75.8 | 76.6 | 77.4 | 77.5 | 77.7 | 77.8 | 77.9 | 78.0 | 78.0 | 78.0 | 78.2 | 78.2 | 78.2 | 78.5 |
| ≥ 14000 | 50.8 | 75.0 | 76.0 | 77.0 | 78.4 | 78.5 | 78.6 | 78.9 | 78.9 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.3 | 79.5 |
| ≥ 12000 | 51.7 | 76.6 | 78.5 | 79.3 | 80.1 | 80.2 | 80.5 | 80.6 | 80.6 | 80.7 | 80.8 | 80.8 | 80.9 | 80.9 | 81.0 | 81.3 |
| ≥ 10000 | 52.7 | 78.7 | 80.3 | 81.6 | 82.4 | 82.5 | 82.8 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.2 | 83.3 | 83.3 | 83.6 |
| ≥ 9000 | 53.1 | 79.5 | 81.5 | 82.5 | 83.3 | 83.4 | 83.7 | 83.8 | 83.8 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.2 | 84.5 |
| ≥ 8000 | 53.8 | 80.8 | 82.9 | 83.9 | 84.8 | 84.9 | 85.2 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.6 | 85.6 | 85.7 | 86.0 |
| ≥ 7000 | 54.2 | 81.9 | 84.0 | 85.0 | 85.9 | 86.1 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.9 | 87.1 |
| ≥ 6000 | 54.5 | 82.4 | 84.0 | 85.6 | 86.6 | 86.7 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.5 | 87.7 |
| ≥ 5000 | 54.7 | 82.9 | 85.1 | 86.2 | 87.1 | 87.2 | 87.5 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 88.0 | 88.0 | 88.1 | 88.3 |
| ≥ 4500 | 54.9 | 83.2 | 85.4 | 86.5 | 87.4 | 87.5 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.2 | 88.3 | 88.3 | 88.6 |
| ≥ 4000 | 55.2 | 83.9 | 86.1 | 87.2 | 88.2 | 88.3 | 88.5 | 88.7 | 88.7 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.1 | 89.4 |
| ≥ 3500 | 55.4 | 84.4 | 86.6 | 87.8 | 88.7 | 88.9 | 89.2 | 89.3 | 89.3 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.7 | 90.0 |
| ≥ 3000 | 55.8 | 85.1 | 87.4 | 88.5 | 89.5 | 89.6 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.5 | 90.7 |
| ≥ 2500 | 56.3 | 86.3 | 88.7 | 89.9 | 90.9 | 91.0 | 91.3 | 91.4 | 91.5 | 91.5 | 91.7 | 91.7 | 91.8 | 91.8 | 91.9 | 92.1 |
| ≥ 2000 | 56.8 | 87.6 | 90.1 | 91.4 | 92.4 | 92.5 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.4 | 93.7 |
| ≥ 1800 | 56.9 | 87.9 | 90.3 | 91.6 | 92.7 | 92.8 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.7 | 94.0 |
| ≥ 1500 | 57.3 | 88.9 | 91.4 | 92.7 | 93.8 | 93.9 | 94.3 | 94.4 | 94.4 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.9 | 95.2 |
| ≥ 1200 | 57.6 | 89.6 | 92.2 | 93.6 | 94.7 | 94.8 | 95.2 | 95.3 | 95.3 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 96.1 |
| ≥ 1000 | 57.7 | 90.2 | 92.8 | 94.3 | 95.4 | 95.5 | 95.9 | 96.0 | 96.1 | 96.3 | 96.3 | 96.3 | 96.4 | 96.5 | 96.6 | 96.8 |
| ≥ 900 | 57.8 | 90.4 | 93.0 | 94.5 | 95.6 | 95.8 | 96.2 | 96.3 | 96.3 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 97.1 |
| ≥ 800 | 57.9 | 90.8 | 93.5 | 95.0 | 96.1 | 96.3 | 96.7 | 96.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.7 |
| ≥ 700 | 58.0 | 91.1 | 93.8 | 95.3 | 96.5 | 96.7 | 97.1 | 97.2 | 97.3 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 98.1 |
| ≥ 600 | 58.1 | 91.3 | 94.1 | 95.6 | 96.8 | 97.0 | 97.4 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 98.0 | 98.1 | 98.2 | 98.4 |
| ≥ 500 | 58.1 | 91.3 | 94.3 | 95.9 | 97.2 | 97.3 | 97.8 | 98.0 | 98.0 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.6 | 98.9 |
| ≥ 400 | 58.1 | 91.6 | 94.5 | 96.1 | 97.4 | 97.6 | 98.1 | 98.2 | 98.3 | 98.5 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 99.1 |
| ≥ 300 | 58.1 | 91.7 | 94.6 | 96.2 | 97.6 | 97.8 | 98.3 | 98.5 | 98.6 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.5 |
| ≥ 200 | 58.1 | 91.7 | 94.7 | 96.3 | 97.6 | 97.9 | 98.4 | 98.6 | 98.7 | 99.0 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.7 |
| ≥ 100 | 58.1 | 91.7 | 94.7 | 96.3 | 97.7 | 97.9 | 98.5 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.5 | 99.8 |
| ≥ 0 | 58.1 | 91.7 | 94.7 | 96.2 | 97.7 | 97.9 | 98.5 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

22592

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KLESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

NIIV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 37.0 | 54.4 | 55.0 | 56.7 | 57.4 | 57.6 | 57.9 | 58.0 | 58.0 | 58.3 | 58.4 | 58.4 | 58.6 | 58.7 | 58.8 | 59.2 |
| ≥ 20000 | 39.9 | 59.1 | 60.7 | 61.7 | 62.5 | 62.6 | 63.0 | 63.1 | 63.1 | 63.4 | 63.5 | 63.5 | 63.7 | 63.8 | 63.9 | 64.3 |
| ≥ 18000 | 40.0 | 59.3 | 60.9 | 61.9 | 62.7 | 62.8 | 63.2 | 63.3 | 63.3 | 63.6 | 63.7 | 63.7 | 63.9 | 64.0 | 64.1 | 64.5 |
| ≥ 16000 | 40.1 | 59.5 | 61.1 | 62.1 | 62.9 | 63.0 | 63.4 | 63.5 | 63.6 | 63.9 | 63.9 | 63.9 | 64.2 | 64.2 | 64.3 | 64.7 |
| ≥ 14000 | 40.7 | 60.3 | 62.0 | 63.0 | 63.8 | 63.9 | 64.3 | 64.4 | 64.5 | 64.8 | 64.8 | 64.8 | 65.1 | 65.1 | 65.2 | 65.6 |
| ≥ 12000 | 41.7 | 61.8 | 63.6 | 64.6 | 65.5 | 65.6 | 65.9 | 66.0 | 66.1 | 66.4 | 66.5 | 66.5 | 66.7 | 66.7 | 66.9 | 67.3 |
| ≥ 10000 | 43.2 | 64.3 | 66.1 | 67.2 | 68.0 | 68.1 | 68.5 | 68.7 | 68.7 | 69.0 | 69.1 | 69.1 | 69.3 | 69.3 | 69.5 | 69.9 |
| ≥ 9000 | 43.5 | 65.1 | 66.9 | 68.0 | 68.9 | 69.0 | 69.4 | 69.5 | 69.6 | 69.9 | 69.9 | 69.9 | 70.2 | 70.2 | 70.4 | 70.8 |
| ≥ 8000 | 44.9 | 67.5 | 69.5 | 70.7 | 71.6 | 71.7 | 72.1 | 72.3 | 72.3 | 72.6 | 72.7 | 72.7 | 72.9 | 73.0 | 73.1 | 73.5 |
| ≥ 7000 | 45.8 | 69.2 | 71.3 | 72.6 | 73.5 | 73.7 | 74.1 | 74.2 | 74.3 | 74.6 | 74.7 | 74.7 | 74.9 | 75.0 | 75.1 | 75.5 |
| ≥ 6000 | 46.2 | 70.2 | 72.4 | 73.7 | 74.7 | 74.8 | 75.2 | 75.4 | 75.4 | 75.8 | 75.9 | 75.9 | 76.1 | 76.1 | 76.3 | 76.7 |
| ≥ 5000 | 47.0 | 71.8 | 74.0 | 75.4 | 76.5 | 76.6 | 77.0 | 77.2 | 77.2 | 77.6 | 77.6 | 77.7 | 77.9 | 77.9 | 78.1 | 78.5 |
| ≥ 4500 | 47.3 | 72.4 | 74.8 | 76.1 | 77.2 | 77.4 | 77.8 | 78.0 | 78.0 | 78.4 | 78.4 | 78.4 | 78.7 | 78.7 | 78.9 | 79.3 |
| ≥ 4000 | 48.0 | 73.8 | 76.2 | 77.7 | 78.9 | 79.0 | 79.5 | 79.7 | 79.8 | 80.1 | 80.2 | 80.2 | 80.4 | 80.5 | 80.6 | 81.0 |
| ≥ 3500 | 48.3 | 74.7 | 77.2 | 78.7 | 79.9 | 80.1 | 80.6 | 80.8 | 80.8 | 81.2 | 81.3 | 81.3 | 81.5 | 81.5 | 81.7 | 82.1 |
| ≥ 3000 | 48.8 | 75.9 | 78.5 | 80.1 | 81.4 | 81.5 | 82.1 | 82.3 | 82.3 | 82.7 | 82.8 | 82.8 | 83.0 | 83.0 | 83.2 | 83.6 |
| ≥ 2500 | 49.4 | 77.2 | 79.9 | 81.6 | 82.9 | 83.1 | 83.7 | 83.9 | 83.9 | 84.3 | 84.4 | 84.4 | 84.6 | 84.7 | 84.8 | 85.2 |
| ≥ 2000 | 50.0 | 79.0 | 81.9 | 83.7 | 85.1 | 85.3 | 86.0 | 86.2 | 86.3 | 86.6 | 86.7 | 86.7 | 87.0 | 87.0 | 87.2 | 87.6 |
| ≥ 1800 | 50.2 | 79.5 | 82.4 | 84.2 | 85.6 | 85.8 | 86.5 | 86.8 | 86.8 | 87.2 | 87.3 | 87.3 | 87.5 | 87.6 | 87.7 | 88.2 |
| ≥ 1500 | 50.6 | 80.6 | 83.6 | 85.5 | 87.0 | 87.2 | 87.9 | 88.2 | 88.3 | 88.6 | 88.7 | 88.7 | 89.0 | 89.0 | 89.2 | 89.6 |
| ≥ 1200 | 50.9 | 81.6 | 84.7 | 86.6 | 88.1 | 88.4 | 89.1 | 89.4 | 89.5 | 89.9 | 90.0 | 90.0 | 90.2 | 90.3 | 90.5 | 90.9 |
| ≥ 1000 | 51.2 | 82.5 | 85.7 | 87.7 | 89.3 | 89.6 | 90.4 | 90.7 | 90.7 | 91.2 | 91.3 | 91.3 | 91.6 | 91.6 | 91.8 | 92.2 |
| ≥ 900 | 51.2 | 83.0 | 86.2 | 88.2 | 89.9 | 90.1 | 91.0 | 91.3 | 91.3 | 91.8 | 91.9 | 91.9 | 92.2 | 92.2 | 92.4 | 92.8 |
| ≥ 800 | 51.4 | 83.6 | 86.8 | 88.9 | 90.7 | 90.9 | 91.8 | 92.1 | 92.2 | 92.6 | 92.8 | 92.8 | 93.1 | 93.1 | 93.3 | 93.7 |
| ≥ 700 | 51.4 | 83.9 | 87.3 | 89.4 | 91.3 | 91.5 | 92.4 | 92.7 | 92.8 | 93.3 | 93.4 | 93.4 | 93.7 | 93.7 | 93.9 | 94.4 |
| ≥ 600 | 51.4 | 84.2 | 87.6 | 89.8 | 91.8 | 92.0 | 93.0 | 93.3 | 93.4 | 93.9 | 94.1 | 94.1 | 94.4 | 94.4 | 94.6 | 95.0 |
| ≥ 500 | 51.5 | 84.6 | 88.2 | 90.5 | 92.6 | 92.9 | 94.0 | 94.4 | 94.4 | 95.1 | 95.2 | 95.2 | 95.5 | 95.6 | 95.7 | 96.2 |
| ≥ 400 | 51.5 | 84.8 | 88.4 | 90.8 | 93.1 | 93.4 | 94.6 | 95.0 | 95.1 | 95.8 | 96.0 | 96.0 | 96.3 | 96.4 | 96.6 | 97.0 |
| ≥ 300 | 51.5 | 84.9 | 88.5 | 91.0 | 93.3 | 93.7 | 95.0 | 95.5 | 95.6 | 96.5 | 96.7 | 96.7 | 97.1 | 97.1 | 97.4 | 97.9 |
| ≥ 200 | 51.5 | 84.9 | 88.6 | 91.1 | 93.5 | 93.8 | 95.3 | 95.8 | 95.9 | 96.9 | 97.2 | 97.2 | 97.7 | 97.8 | 98.1 | 98.7 |
| ≥ 100 | 51.5 | 84.9 | 88.6 | 91.1 | 93.5 | 93.9 | 95.3 | 95.8 | 95.9 | 96.9 | 97.3 | 97.3 | 97.8 | 97.9 | 98.3 | 99.2 |
| ≥ 0 | 51.5 | 84.9 | 88.6 | 91.1 | 93.5 | 93.9 | 95.3 | 95.8 | 95.9 | 97.0 | 97.3 | 97.3 | 97.9 | 98.0 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

22615

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.8 | 42.1 | 43.5 | 44.4 | 45.1 | 45.2 | 45.6 | 45.7 | 45.7 | 45.9 | 46.0 | 46.0 | 46.2 | 46.2 | 46.3 | 46.5 |
| ≥ 20000 | 29.8 | 47.2 | 48.6 | 49.7 | 50.4 | 50.5 | 50.9 | 51.1 | 51.1 | 51.3 | 51.4 | 51.4 | 51.6 | 51.7 | 51.8 | 52.0 |
| ≥ 18000 | 29.8 | 47.3 | 48.7 | 49.8 | 50.6 | 50.6 | 51.1 | 51.2 | 51.2 | 51.5 | 51.6 | 51.6 | 51.8 | 51.8 | 52.0 | 52.2 |
| ≥ 16000 | 29.3 | 47.4 | 48.9 | 50.0 | 50.8 | 50.9 | 51.3 | 51.4 | 51.4 | 51.7 | 51.8 | 51.8 | 52.1 | 52.0 | 52.2 | 52.4 |
| ≥ 14000 | 30.1 | 48.0 | 49.6 | 50.7 | 51.5 | 51.6 | 52.0 | 52.2 | 52.2 | 52.4 | 52.6 | 52.6 | 52.8 | 52.8 | 52.9 | 53.2 |
| ≥ 12000 | 30.7 | 48.2 | 50.6 | 52.0 | 52.7 | 52.8 | 53.2 | 53.4 | 53.4 | 53.7 | 53.8 | 53.8 | 54.0 | 54.0 | 54.2 | 54.4 |
| ≥ 10000 | 31.8 | 51.2 | 53.0 | 54.3 | 55.1 | 55.2 | 55.6 | 55.8 | 55.8 | 56.0 | 56.1 | 56.2 | 56.4 | 56.4 | 56.6 | 56.8 |
| ≥ 9000 | 32.0 | 51.7 | 53.6 | 54.9 | 55.6 | 55.8 | 56.2 | 56.3 | 56.3 | 56.6 | 56.7 | 56.7 | 56.9 | 57.0 | 57.1 | 57.4 |
| ≥ 8000 | 33.0 | 53.9 | 55.9 | 57.2 | 58.0 | 58.1 | 58.6 | 58.7 | 58.7 | 59.0 | 59.1 | 59.1 | 59.3 | 59.4 | 59.5 | 59.7 |
| ≥ 7000 | 33.6 | 55.5 | 57.6 | 59.0 | 59.8 | 60.0 | 60.5 | 60.6 | 60.6 | 60.9 | 61.0 | 61.0 | 61.2 | 61.3 | 61.4 | 61.7 |
| ≥ 6000 | 34.2 | 56.7 | 58.8 | 60.3 | 61.2 | 61.3 | 61.8 | 62.0 | 62.0 | 62.3 | 62.4 | 62.4 | 62.6 | 62.7 | 62.8 | 63.1 |
| ≥ 5000 | 34.8 | 58.2 | 60.4 | 62.0 | 63.0 | 63.1 | 63.6 | 63.8 | 63.8 | 64.1 | 64.2 | 64.3 | 64.5 | 64.5 | 64.7 | 64.9 |
| ≥ 4500 | 35.1 | 59.0 | 61.5 | 62.9 | 63.9 | 64.1 | 64.6 | 64.8 | 64.8 | 65.1 | 65.2 | 65.2 | 65.4 | 65.4 | 65.6 | 65.9 |
| ≥ 4000 | 36.0 | 61.0 | 62.5 | 65.2 | 66.4 | 66.6 | 67.2 | 67.3 | 67.4 | 67.7 | 67.8 | 67.8 | 68.0 | 68.1 | 68.2 | 68.5 |
| ≥ 3500 | 36.6 | 62.3 | 64.8 | 66.5 | 67.8 | 68.0 | 68.6 | 68.8 | 68.8 | 69.1 | 69.3 | 69.3 | 69.5 | 69.5 | 69.7 | 69.9 |
| ≥ 3000 | 37.2 | 64.3 | 67.1 | 69.0 | 70.3 | 70.5 | 71.1 | 71.4 | 71.4 | 71.7 | 71.9 | 71.9 | 72.1 | 72.1 | 72.3 | 72.6 |
| ≥ 2500 | 38.0 | 66.3 | 69.2 | 71.4 | 72.8 | 73.0 | 73.6 | 73.9 | 73.9 | 74.3 | 74.4 | 74.4 | 74.7 | 74.7 | 74.9 | 75.1 |
| ≥ 2000 | 38.8 | 68.5 | 71.7 | 74.1 | 75.7 | 75.9 | 76.7 | 76.9 | 77.0 | 77.4 | 77.5 | 77.5 | 77.8 | 77.8 | 78.0 | 78.3 |
| ≥ 1800 | 39.0 | 68.9 | 72.2 | 74.6 | 76.2 | 76.4 | 77.2 | 77.5 | 77.6 | 78.0 | 78.1 | 78.1 | 78.4 | 78.4 | 78.6 | 78.8 |
| ≥ 1500 | 39.5 | 70.5 | 74.1 | 76.6 | 78.6 | 78.6 | 79.5 | 79.8 | 79.8 | 80.3 | 80.5 | 80.5 | 80.7 | 80.8 | 81.0 | 81.2 |
| ≥ 1200 | 39.9 | 71.7 | 75.4 | 78.2 | 80.0 | 80.3 | 81.3 | 81.6 | 81.6 | 82.1 | 82.3 | 82.3 | 82.6 | 82.6 | 82.8 | 83.1 |
| ≥ 1000 | 40.1 | 72.8 | 76.8 | 79.7 | 81.7 | 82.0 | 83.1 | 83.5 | 83.5 | 84.1 | 84.3 | 84.3 | 84.5 | 84.6 | 84.8 | 85.1 |
| ≥ 900 | 40.4 | 73.4 | 77.4 | 80.4 | 82.5 | 82.7 | 83.9 | 84.3 | 84.3 | 84.9 | 85.1 | 85.1 | 85.4 | 85.4 | 85.6 | 85.9 |
| ≥ 800 | 40.5 | 74.0 | 78.2 | 81.3 | 83.5 | 83.8 | 85.0 | 85.4 | 85.5 | 86.1 | 86.3 | 86.3 | 86.6 | 86.6 | 86.8 | 87.1 |
| ≥ 700 | 40.6 | 74.4 | 78.7 | 81.9 | 84.2 | 84.5 | 85.8 | 86.2 | 86.3 | 86.9 | 87.1 | 87.1 | 87.4 | 87.5 | 87.7 | 88.0 |
| ≥ 600 | 40.8 | 74.8 | 79.3 | 82.6 | 85.1 | 85.4 | 86.8 | 87.3 | 87.3 | 88.0 | 88.2 | 88.3 | 88.6 | 88.6 | 88.8 | 89.1 |
| ≥ 500 | 40.9 | 75.3 | 80.0 | 83.6 | 86.3 | 86.7 | 88.3 | 88.8 | 88.9 | 89.7 | 90.0 | 90.0 | 90.3 | 90.3 | 90.6 | 90.9 |
| ≥ 400 | 40.9 | 75.5 | 80.4 | 84.2 | 87.2 | 87.7 | 89.5 | 90.1 | 90.2 | 91.2 | 91.5 | 91.5 | 91.9 | 91.9 | 92.2 | 92.5 |
| ≥ 300 | 40.9 | 75.7 | 80.6 | 84.5 | 87.7 | 88.1 | 90.1 | 90.9 | 91.1 | 92.3 | 92.7 | 92.7 | 93.3 | 93.4 | 93.7 | 94.1 |
| ≥ 200 | 40.9 | 75.7 | 80.7 | 84.7 | 87.9 | 88.4 | 90.5 | 91.4 | 91.6 | 93.1 | 93.7 | 93.8 | 94.6 | 94.8 | 95.2 | 95.9 |
| ≥ 100 | 40.9 | 75.7 | 80.7 | 84.7 | 88.0 | 88.5 | 90.6 | 91.5 | 91.7 | 93.3 | 93.9 | 94.0 | 95.1 | 95.3 | 96.1 | 97.8 |
| ≥ 0 | 40.9 | 75.7 | 80.7 | 84.7 | 88.0 | 88.5 | 90.6 | 91.5 | 91.7 | 93.3 | 94.3 | 94.1 | 95.2 | 95.5 | 96.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

22618

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-65,69,74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 25.2 | 40.7 | 42.4 | 43.8 | 44.9 | 44.9 | 45.2 | 45.3 | 45.3 | 45.7 | 45.9 | 45.9 | 46.2 | 46.2 | 46.4 | 47.2 |
| IV 20000 | 27.0 | 43.6 | 45.4 | 46.8 | 48.0 | 48.0 | 48.3 | 48.5 | 48.5 | 48.9 | 49.1 | 49.1 | 49.4 | 49.4 | 49.6 | 50.4 |
| IV 18000 | 27.2 | 43.7 | 45.6 | 46.9 | 48.1 | 48.1 | 48.5 | 48.6 | 48.6 | 49.0 | 49.2 | 49.2 | 49.5 | 49.6 | 49.7 | 50.5 |
| IV 16000 | 27.2 | 43.8 | 45.6 | 46.9 | 48.2 | 48.2 | 48.5 | 48.6 | 48.7 | 49.0 | 49.3 | 49.3 | 49.6 | 49.6 | 49.8 | 50.6 |
| IV 14000 | 27.5 | 44.5 | 46.3 | 47.6 | 48.8 | 48.8 | 49.2 | 49.3 | 49.4 | 49.7 | 49.9 | 49.9 | 50.2 | 50.3 | 50.4 | 51.2 |
| IV 12000 | 28.6 | 46.6 | 48.5 | 49.8 | 51.0 | 51.0 | 51.4 | 51.5 | 51.6 | 51.9 | 52.2 | 52.2 | 52.5 | 52.5 | 52.7 | 53.5 |
| IV 10000 | 29.2 | 47.8 | 49.8 | 51.2 | 52.4 | 52.4 | 52.8 | 52.9 | 53.0 | 53.3 | 53.5 | 53.5 | 53.9 | 53.9 | 54.1 | 54.9 |
| IV 9000 | 29.5 | 48.1 | 50.1 | 51.5 | 52.7 | 52.7 | 53.1 | 53.2 | 53.3 | 53.6 | 53.9 | 53.9 | 54.2 | 54.2 | 54.5 | 55.3 |
| IV 8000 | 30.4 | 49.7 | 51.7 | 53.4 | 54.7 | 54.7 | 55.2 | 55.3 | 55.4 | 55.7 | 55.9 | 55.9 | 56.3 | 56.3 | 56.6 | 57.4 |
| IV 7000 | 31.1 | 51.0 | 53.0 | 54.7 | 56.0 | 56.0 | 56.5 | 56.6 | 56.7 | 57.0 | 57.2 | 57.2 | 57.6 | 57.6 | 57.9 | 58.7 |
| IV 6000 | 31.8 | 52.2 | 54.3 | 55.9 | 57.4 | 57.4 | 57.8 | 58.0 | 58.0 | 58.4 | 58.6 | 58.6 | 58.9 | 59.0 | 59.2 | 60.0 |
| IV 5000 | 32.1 | 53.1 | 55.2 | 57.0 | 58.4 | 58.4 | 58.9 | 59.1 | 59.2 | 59.5 | 59.7 | 59.7 | 60.0 | 60.1 | 60.4 | 61.2 |
| IV 4500 | 32.3 | 53.7 | 55.9 | 57.6 | 59.1 | 59.1 | 59.6 | 59.8 | 59.8 | 60.3 | 60.5 | 60.5 | 60.8 | 60.8 | 61.1 | 61.9 |
| IV 4000 | 32.7 | 54.9 | 57.2 | 59.0 | 60.5 | 60.5 | 61.2 | 61.4 | 61.5 | 62.0 | 62.2 | 62.2 | 62.5 | 62.6 | 62.9 | 63.7 |
| IV 3500 | 33.1 | 56.5 | 58.9 | 60.7 | 62.4 | 62.4 | 63.0 | 63.3 | 63.3 | 63.8 | 64.0 | 64.0 | 64.3 | 64.4 | 64.7 | 65.5 |
| IV 3000 | 33.4 | 57.7 | 60.2 | 62.2 | 63.9 | 63.9 | 64.6 | 64.8 | 64.9 | 65.4 | 65.6 | 65.6 | 65.9 | 66.0 | 66.3 | 67.1 |
| IV 2500 | 34.1 | 59.2 | 62.0 | 64.1 | 65.9 | 65.9 | 66.5 | 66.8 | 66.8 | 67.3 | 67.6 | 67.6 | 67.9 | 68.0 | 68.2 | 69.1 |
| IV 2000 | 35.0 | 61.4 | 64.2 | 66.6 | 68.5 | 68.5 | 69.3 | 69.5 | 69.5 | 70.1 | 70.3 | 70.3 | 70.6 | 70.7 | 71.0 | 71.8 |
| IV 1800 | 35.1 | 61.6 | 64.6 | 67.1 | 69.0 | 69.0 | 69.8 | 70.0 | 70.1 | 70.6 | 70.8 | 70.8 | 71.1 | 71.2 | 71.5 | 72.3 |
| IV 1500 | 35.6 | 63.0 | 66.1 | 68.7 | 70.7 | 70.7 | 71.5 | 71.7 | 71.8 | 72.3 | 72.6 | 72.6 | 72.9 | 73.0 | 73.3 | 74.1 |
| IV 1200 | 35.7 | 64.1 | 67.3 | 69.9 | 72.1 | 72.1 | 73.0 | 73.2 | 73.3 | 73.9 | 74.1 | 74.1 | 74.4 | 74.5 | 74.8 | 75.6 |
| IV 1000 | 35.9 | 65.0 | 68.5 | 71.2 | 73.4 | 73.4 | 74.3 | 74.6 | 74.6 | 75.2 | 75.5 | 75.5 | 75.8 | 75.9 | 76.2 | 77.0 |
| IV 900 | 36.0 | 65.4 | 69.0 | 71.7 | 73.9 | 73.9 | 75.0 | 75.2 | 75.2 | 75.9 | 76.2 | 76.2 | 76.5 | 76.6 | 76.9 | 77.7 |
| IV 800 | 36.0 | 66.1 | 69.8 | 72.7 | 75.0 | 75.1 | 76.2 | 76.4 | 76.4 | 77.1 | 77.4 | 77.4 | 77.7 | 77.8 | 78.1 | 79.0 |
| IV 700 | 36.0 | 66.7 | 70.5 | 73.4 | 75.8 | 75.8 | 77.0 | 77.3 | 77.3 | 78.0 | 78.4 | 78.4 | 78.7 | 78.8 | 79.1 | 80.0 |
| IV 600 | 36.1 | 67.5 | 71.4 | 74.3 | 77.1 | 77.1 | 78.4 | 78.7 | 78.8 | 79.5 | 79.8 | 79.8 | 80.2 | 80.3 | 80.5 | 81.4 |
| IV 500 | 36.1 | 68.0 | 72.1 | 75.1 | 78.3 | 78.4 | 79.7 | 80.1 | 80.2 | 81.0 | 81.4 | 81.4 | 81.8 | 81.9 | 82.1 | 83.0 |
| IV 400 | 36.1 | 68.7 | 73.1 | 76.1 | 79.4 | 79.5 | 81.2 | 81.6 | 81.7 | 82.6 | 83.0 | 83.0 | 83.4 | 83.5 | 83.7 | 84.6 |
| IV 300 | 36.1 | 68.9 | 73.5 | 76.6 | 80.4 | 80.7 | 82.7 | 83.5 | 83.6 | 84.8 | 85.2 | 85.2 | 85.7 | 85.9 | 86.3 | 87.2 |
| IV 200 | 36.1 | 69.0 | 73.6 | 76.8 | 80.9 | 81.3 | 83.6 | 84.6 | 84.7 | 86.5 | 87.1 | 87.1 | 87.9 | 88.2 | 88.9 | 90.0 |
| IV 100 | 36.1 | 69.1 | 73.9 | 77.1 | 81.2 | 81.6 | 84.1 | 85.2 | 85.3 | 87.5 | 88.4 | 88.4 | 89.6 | 90.1 | 91.3 | 93.9 |
| IV 0 | 36.1 | 69.1 | 73.9 | 77.1 | 81.2 | 81.6 | 84.1 | 85.2 | 85.3 | 87.5 | 88.5 | 88.6 | 90.1 | 90.6 | 92.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2245

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-66,69-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 23.3 | 37.0 | 38.9 | 40.2 | 40.7 | 40.7 | 40.9 | 41.0 | 41.1 | 41.3 | 41.4 | 41.4 | 41.5 | 41.6 | 42.2 | 43.4 |
| ≥ 20000 | 24.9 | 39.5 | 41.5 | 42.8 | 43.3 | 43.3 | 43.6 | 43.6 | 43.7 | 43.9 | 44.1 | 44.1 | 44.2 | 44.3 | 44.9 | 46.1 |
| IV 18000 | 25.0 | 39.6 | 41.6 | 42.9 | 43.4 | 43.4 | 43.7 | 43.7 | 43.8 | 44.1 | 44.2 | 44.2 | 44.3 | 44.4 | 45.0 | 46.2 |
| IV 16000 | 25.0 | 39.6 | 41.6 | 42.9 | 43.4 | 43.4 | 43.7 | 43.7 | 43.8 | 44.1 | 44.2 | 44.2 | 44.3 | 44.4 | 45.0 | 46.2 |
| IV 14000 | 25.5 | 40.2 | 42.7 | 43.5 | 44.0 | 44.0 | 44.3 | 44.4 | 44.5 | 44.7 | 44.8 | 44.8 | 45.0 | 45.0 | 45.7 | 46.9 |
| IV 12000 | 26.3 | 41.6 | 43.6 | 45.0 | 45.5 | 45.5 | 45.8 | 45.9 | 46.0 | 46.3 | 46.4 | 46.4 | 46.5 | 46.6 | 47.2 | 48.4 |
| IV 10000 | 26.9 | 42.8 | 44.9 | 46.4 | 47.0 | 47.0 | 47.4 | 47.5 | 47.6 | 47.8 | 48.0 | 48.0 | 48.2 | 48.3 | 48.9 | 50.1 |
| IV 9000 | 27.1 | 43.2 | 45.3 | 46.8 | 47.4 | 47.4 | 47.8 | 47.9 | 48.0 | 48.3 | 48.4 | 48.4 | 48.6 | 48.7 | 49.3 | 50.5 |
| IV 8000 | 27.7 | 44.9 | 47.2 | 48.9 | 49.6 | 49.6 | 50.0 | 50.1 | 50.2 | 50.5 | 50.7 | 50.7 | 50.9 | 50.9 | 51.5 | 52.8 |
| IV 7000 | 28.7 | 46.5 | 48.8 | 50.6 | 51.2 | 51.2 | 51.6 | 51.7 | 51.8 | 52.1 | 52.3 | 52.3 | 52.5 | 52.6 | 53.2 | 54.4 |
| IV 6000 | 29.6 | 48.5 | 50.9 | 52.6 | 53.3 | 53.3 | 53.7 | 53.8 | 53.9 | 54.2 | 54.3 | 54.3 | 54.6 | 54.7 | 55.3 | 56.5 |
| IV 5000 | 30.2 | 50.0 | 52.3 | 54.1 | 54.8 | 54.8 | 55.2 | 55.3 | 55.4 | 55.7 | 55.9 | 55.9 | 56.1 | 56.2 | 56.8 | 58.0 |
| IV 4500 | 30.4 | 50.4 | 52.8 | 54.6 | 55.4 | 55.4 | 55.8 | 55.9 | 56.0 | 56.3 | 56.5 | 56.5 | 56.7 | 56.8 | 57.4 | 58.7 |
| IV 4000 | 30.8 | 51.7 | 54.2 | 56.3 | 57.0 | 57.0 | 57.5 | 57.6 | 57.7 | 58.0 | 58.2 | 58.2 | 58.4 | 58.5 | 59.1 | 60.3 |
| IV 3500 | 31.4 | 53.1 | 55.6 | 57.6 | 58.5 | 58.5 | 58.9 | 59.1 | 59.1 | 59.5 | 59.6 | 59.6 | 59.9 | 60.0 | 60.6 | 61.8 |
| IV 3000 | 31.7 | 54.2 | 56.8 | 58.9 | 60.0 | 60.0 | 60.4 | 60.6 | 60.7 | 61.0 | 61.1 | 61.1 | 61.4 | 61.5 | 62.1 | 63.3 |
| IV 2500 | 32.5 | 55.7 | 58.4 | 60.6 | 61.8 | 61.8 | 62.3 | 62.4 | 62.5 | 62.8 | 63.0 | 63.0 | 63.3 | 63.4 | 64.0 | 65.2 |
| IV 2000 | 33.7 | 58.1 | 60.9 | 63.3 | 64.7 | 64.8 | 65.4 | 65.5 | 65.6 | 66.0 | 66.2 | 66.2 | 66.5 | 66.5 | 67.2 | 68.4 |
| IV 1800 | 33.9 | 58.6 | 61.6 | 64.0 | 65.5 | 65.6 | 66.2 | 66.3 | 66.4 | 66.8 | 67.0 | 67.0 | 67.3 | 67.4 | 68.0 | 69.2 |
| IV 1500 | 34.3 | 60.3 | 63.5 | 65.9 | 67.4 | 67.5 | 68.2 | 68.3 | 68.4 | 68.9 | 69.1 | 69.1 | 69.3 | 69.4 | 70.0 | 71.3 |
| IV 1200 | 34.6 | 61.5 | 64.8 | 67.3 | 68.9 | 69.0 | 69.7 | 69.8 | 69.9 | 70.4 | 70.6 | 70.6 | 70.9 | 71.0 | 71.6 | 73.0 |
| IV 1000 | 34.7 | 62.5 | 66.1 | 68.8 | 70.6 | 70.7 | 71.6 | 71.7 | 71.8 | 72.4 | 72.6 | 72.6 | 72.9 | 73.0 | 73.6 | 75.0 |
| IV 900 | 34.9 | 63.3 | 66.9 | 69.8 | 71.6 | 71.7 | 72.6 | 72.8 | 72.9 | 73.4 | 73.6 | 73.6 | 74.0 | 74.1 | 74.7 | 76.0 |
| IV 800 | 34.9 | 63.7 | 67.4 | 70.5 | 72.4 | 72.4 | 73.5 | 73.7 | 73.7 | 74.3 | 74.5 | 74.5 | 74.8 | 74.9 | 75.5 | 76.9 |
| IV 700 | 34.9 | 64.4 | 68.3 | 71.5 | 73.5 | 73.6 | 74.6 | 74.9 | 75.0 | 75.5 | 75.7 | 75.7 | 76.1 | 76.2 | 76.8 | 78.2 |
| IV 600 | 35.2 | 65.0 | 68.9 | 72.4 | 74.6 | 74.7 | 75.9 | 76.1 | 76.3 | 76.8 | 77.0 | 77.0 | 77.4 | 77.5 | 78.1 | 79.4 |
| IV 500 | 35.2 | 65.6 | 69.7 | 73.3 | 75.8 | 75.9 | 77.2 | 77.6 | 77.7 | 78.5 | 78.7 | 78.7 | 79.2 | 79.3 | 79.9 | 81.2 |
| IV 400 | 35.2 | 66.1 | 70.7 | 74.4 | 77.2 | 77.3 | 79.1 | 79.5 | 79.6 | 80.5 | 80.8 | 80.8 | 81.3 | 81.4 | 82.0 | 83.3 |
| IV 300 | 35.2 | 66.5 | 71.2 | 75.2 | 78.4 | 78.5 | 80.5 | 81.2 | 81.4 | 82.4 | 82.9 | 83.0 | 83.7 | 83.8 | 84.5 | 85.9 |
| IV 200 | 35.2 | 66.7 | 71.4 | 75.4 | 78.9 | 79.0 | 81.2 | 82.1 | 82.4 | 84.0 | 85.0 | 85.2 | 86.3 | 86.8 | 88.0 | 89.8 |
| IV 100 | 35.2 | 66.7 | 71.4 | 75.4 | 79.1 | 79.3 | 81.5 | 82.4 | 82.7 | 84.7 | 85.7 | 86.0 | 87.6 | 88.3 | 90.0 | 94.1 |
| IV 0 | 35.2 | 66.7 | 71.4 | 75.4 | 79.1 | 79.3 | 81.5 | 82.4 | 82.7 | 84.7 | 85.8 | 86.0 | 88.1 | 88.9 | 90.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2460

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 22.4 | 32.6 | 33.8 | 34.3 | 35.3 | 35.3 | 35.5 | 35.6 | 35.6 | 36.1 | 36.2 | 36.2 | 36.5 | 36.5 | 36.9 | 37.3 |
| ≥ 20000 | 25.2 | 36.9 | 38.2 | 38.8 | 39.8 | 39.8 | 40.0 | 40.2 | 40.2 | 40.6 | 40.7 | 40.7 | 41.2 | 41.2 | 41.6 | 42.1 |
| IV 18000 | 25.2 | 36.9 | 38.2 | 38.9 | 39.9 | 39.9 | 40.1 | 40.2 | 40.2 | 40.7 | 40.8 | 40.8 | 41.2 | 41.3 | 41.7 | 42.2 |
| IV 16000 | 25.4 | 37.2 | 38.6 | 39.2 | 40.2 | 40.2 | 40.4 | 40.6 | 40.6 | 41.0 | 41.1 | 41.1 | 41.6 | 41.6 | 42.0 | 42.5 |
| IV 14000 | 25.6 | 37.6 | 39.0 | 39.5 | 40.7 | 40.7 | 40.9 | 41.1 | 41.1 | 41.5 | 41.7 | 41.7 | 42.1 | 42.1 | 42.5 | 43.0 |
| IV 12000 | 26.6 | 39.1 | 40.5 | 41.2 | 42.4 | 42.4 | 42.6 | 42.9 | 42.9 | 43.3 | 43.4 | 43.4 | 43.9 | 43.9 | 44.3 | 44.8 |
| IV 10000 | 27.6 | 40.8 | 42.3 | 43.1 | 44.4 | 44.4 | 44.7 | 44.9 | 44.9 | 45.4 | 45.5 | 45.5 | 46.0 | 46.0 | 46.5 | 47.0 |
| IV 9000 | 28.2 | 41.6 | 43.1 | 44.0 | 45.3 | 45.3 | 45.6 | 45.9 | 45.9 | 46.3 | 46.4 | 46.4 | 46.9 | 47.0 | 47.5 | 48.0 |
| IV 8000 | 29.1 | 43.9 | 45.7 | 46.5 | 47.9 | 48.0 | 48.3 | 48.6 | 48.6 | 49.1 | 49.3 | 49.3 | 49.8 | 49.9 | 50.4 | 50.9 |
| IV 7000 | 30.0 | 45.7 | 47.5 | 48.5 | 49.8 | 50.0 | 50.3 | 50.6 | 50.6 | 51.2 | 51.3 | 51.3 | 51.9 | 51.9 | 52.5 | 53.0 |
| IV 6000 | 30.6 | 47.2 | 49.1 | 50.1 | 51.5 | 51.6 | 52.1 | 52.5 | 52.5 | 53.1 | 53.2 | 53.2 | 53.8 | 53.8 | 54.5 | 55.1 |
| IV 5000 | 31.3 | 48.7 | 50.7 | 51.7 | 53.2 | 53.3 | 53.9 | 54.2 | 54.3 | 54.9 | 55.0 | 55.0 | 55.6 | 55.7 | 56.3 | 57.0 |
| IV 4500 | 31.6 | 49.5 | 51.6 | 52.6 | 54.1 | 54.3 | 54.9 | 55.2 | 55.3 | 55.9 | 56.0 | 56.0 | 56.6 | 56.7 | 57.4 | 58.0 |
| IV 4000 | 32.3 | 50.8 | 53.0 | 54.1 | 55.8 | 56.0 | 56.6 | 57.0 | 57.0 | 57.7 | 57.8 | 57.8 | 58.4 | 58.5 | 59.1 | 59.8 |
| IV 3500 | 32.8 | 51.9 | 54.1 | 55.4 | 57.1 | 57.2 | 57.9 | 58.3 | 58.3 | 59.0 | 59.1 | 59.1 | 59.8 | 59.8 | 60.5 | 61.1 |
| IV 3000 | 33.3 | 53.5 | 56.0 | 57.3 | 59.2 | 59.4 | 60.1 | 60.4 | 60.5 | 61.1 | 61.2 | 61.2 | 61.9 | 61.9 | 62.6 | 63.3 |
| IV 2500 | 34.3 | 55.5 | 58.1 | 59.5 | 61.6 | 61.8 | 62.5 | 62.9 | 62.9 | 63.6 | 63.8 | 63.8 | 64.4 | 64.5 | 65.2 | 65.9 |
| IV 2000 | 35.2 | 57.8 | 60.6 | 62.2 | 64.6 | 64.8 | 65.5 | 66.0 | 66.1 | 66.8 | 66.9 | 66.9 | 67.6 | 67.7 | 68.3 | 69.1 |
| IV 1800 | 35.5 | 58.5 | 61.3 | 63.0 | 65.4 | 65.6 | 66.4 | 66.8 | 66.9 | 67.6 | 67.8 | 67.8 | 68.4 | 68.5 | 69.1 | 69.9 |
| IV 1500 | 35.9 | 60.0 | 63.0 | 64.9 | 67.4 | 67.6 | 68.4 | 68.9 | 69.0 | 69.7 | 69.9 | 69.9 | 70.6 | 70.7 | 71.3 | 72.2 |
| IV 1200 | 36.3 | 61.1 | 64.4 | 66.3 | 68.9 | 69.1 | 70.0 | 70.6 | 70.6 | 71.4 | 71.7 | 71.7 | 72.4 | 72.5 | 73.1 | 74.0 |
| IV 1000 | 36.6 | 62.2 | 65.8 | 67.9 | 70.7 | 70.9 | 72.0 | 72.6 | 72.6 | 73.5 | 73.7 | 73.7 | 74.4 | 74.5 | 75.2 | 76.1 |
| IV 900 | 36.7 | 62.8 | 66.4 | 68.6 | 71.5 | 71.8 | 72.9 | 73.5 | 73.6 | 74.4 | 74.7 | 74.7 | 75.3 | 75.4 | 76.1 | 77.0 |
| IV 800 | 36.9 | 63.7 | 67.4 | 69.7 | 72.8 | 73.0 | 74.3 | 74.9 | 74.9 | 75.8 | 76.0 | 76.0 | 76.8 | 76.9 | 77.5 | 78.4 |
| IV 700 | 37.0 | 64.3 | 68.0 | 70.5 | 73.7 | 73.9 | 75.2 | 75.8 | 75.9 | 76.8 | 77.1 | 77.1 | 77.9 | 78.0 | 78.7 | 79.6 |
| IV 600 | 37.3 | 65.1 | 69.0 | 71.7 | 75.0 | 75.3 | 76.8 | 77.4 | 77.5 | 78.4 | 78.7 | 78.7 | 79.6 | 79.7 | 80.4 | 81.4 |
| IV 500 | 37.4 | 65.8 | 70.1 | 73.0 | 76.8 | 77.2 | 79.1 | 80.1 | 80.3 | 81.5 | 82.0 | 82.0 | 83.0 | 83.1 | 83.8 | 84.9 |
| IV 400 | 37.4 | 65.9 | 70.4 | 73.5 | 77.5 | 78.0 | 80.1 | 81.3 | 81.4 | 82.7 | 83.3 | 83.3 | 84.3 | 84.5 | 85.3 | 86.3 |
| IV 300 | 37.4 | 66.0 | 70.7 | 74.0 | 78.2 | 78.7 | 81.3 | 83.0 | 83.1 | 84.5 | 85.3 | 85.3 | 86.7 | 86.9 | 88.1 | 89.3 |
| IV 200 | 37.4 | 66.1 | 70.8 | 74.1 | 78.4 | 78.9 | 81.7 | 83.5 | 83.7 | 85.4 | 86.4 | 86.5 | 88.5 | 88.8 | 90.3 | 92.0 |
| IV 100 | 37.4 | 66.1 | 70.8 | 74.2 | 78.5 | 79.0 | 81.7 | 83.6 | 83.8 | 85.8 | 86.9 | 87.0 | 89.4 | 89.8 | 92.5 | 96.5 |
| IV 0 | 37.4 | 66.1 | 70.8 | 74.2 | 78.5 | 79.0 | 81.7 | 83.6 | 83.8 | 85.8 | 86.9 | 87.0 | 89.6 | 90.1 | 93.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3014

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.6 | 36.2 | 37.4 | 37.7 | 37.9 | 37.9 | 38.2 | 38.2 | 38.2 | 38.3 | 38.4 | 38.4 | 38.5 | 38.5 | 38.6 | 38.6 |
| IV 20000 | 31.5 | 42.0 | 43.4 | 43.8 | 44.0 | 44.0 | 44.4 | 44.4 | 44.4 | 44.5 | 44.6 | 44.6 | 44.7 | 44.7 | 44.8 | 44.9 |
| IV 18000 | 31.6 | 42.2 | 43.5 | 44.0 | 44.2 | 44.2 | 44.6 | 44.6 | 44.6 | 44.7 | 44.8 | 44.8 | 44.9 | 44.9 | 45.0 | 45.1 |
| IV 16000 | 31.7 | 42.3 | 43.6 | 44.0 | 44.2 | 44.3 | 44.6 | 44.7 | 44.7 | 44.8 | 44.8 | 44.8 | 45.0 | 45.0 | 45.1 | 45.1 |
| IV 14000 | 32.7 | 43.6 | 45.0 | 45.4 | 45.7 | 45.7 | 46.1 | 46.2 | 46.2 | 46.3 | 46.3 | 46.3 | 46.4 | 46.5 | 46.6 | 46.6 |
| IV 12000 | 33.6 | 44.9 | 46.4 | 46.9 | 47.2 | 47.2 | 47.6 | 47.7 | 47.7 | 47.8 | 47.8 | 47.8 | 48.0 | 48.0 | 48.1 | 48.1 |
| IV 10000 | 34.5 | 46.5 | 48.0 | 48.6 | 49.0 | 49.0 | 49.5 | 49.5 | 49.5 | 49.6 | 49.7 | 49.7 | 49.8 | 49.8 | 49.9 | 50.0 |
| IV 9000 | 35.0 | 47.5 | 49.0 | 49.7 | 50.1 | 50.1 | 50.6 | 50.7 | 50.7 | 50.8 | 50.8 | 50.8 | 51.0 | 51.0 | 51.1 | 51.1 |
| IV 8000 | 36.4 | 50.2 | 51.8 | 52.6 | 53.0 | 53.1 | 53.5 | 53.6 | 53.6 | 53.7 | 53.8 | 53.8 | 53.9 | 54.0 | 54.1 | 54.1 |
| IV 7000 | 37.1 | 51.8 | 53.5 | 54.3 | 54.9 | 54.9 | 55.4 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.8 | 55.9 | 56.0 | 56.0 |
| IV 6000 | 38.0 | 53.3 | 55.1 | 56.1 | 56.6 | 56.7 | 57.3 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.8 | 57.9 | 58.0 | 58.0 |
| IV 5000 | 39.1 | 55.5 | 57.4 | 58.4 | 59.1 | 59.2 | 59.9 | 60.0 | 60.0 | 60.2 | 60.2 | 60.2 | 60.4 | 60.6 | 60.7 | 60.7 |
| IV 4500 | 39.6 | 56.2 | 58.1 | 59.3 | 59.9 | 60.0 | 60.8 | 60.9 | 60.9 | 61.1 | 61.1 | 61.1 | 61.3 | 61.5 | 61.6 | 61.6 |
| IV 4000 | 40.3 | 57.6 | 59.7 | 60.9 | 61.8 | 61.9 | 62.8 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.3 | 63.5 | 63.6 | 63.6 |
| IV 3500 | 40.6 | 58.5 | 60.6 | 61.8 | 62.8 | 63.0 | 63.8 | 63.9 | 64.0 | 64.2 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.7 |
| IV 3000 | 41.2 | 59.9 | 62.1 | 63.3 | 64.5 | 64.8 | 65.7 | 65.8 | 65.8 | 66.0 | 66.1 | 66.1 | 66.3 | 66.4 | 66.5 | 66.5 |
| IV 2500 | 41.8 | 61.9 | 64.3 | 65.6 | 67.1 | 67.4 | 68.3 | 68.4 | 68.5 | 68.7 | 68.8 | 68.8 | 69.0 | 69.2 | 69.3 | 69.3 |
| IV 2000 | 43.1 | 64.0 | 66.6 | 68.2 | 69.8 | 70.1 | 71.1 | 71.3 | 71.3 | 71.6 | 71.7 | 71.7 | 71.9 | 72.1 | 72.2 | 72.2 |
| IV 1800 | 43.3 | 64.4 | 67.0 | 68.6 | 70.3 | 70.6 | 71.6 | 71.8 | 71.8 | 72.1 | 72.2 | 72.2 | 72.5 | 72.6 | 72.7 | 72.8 |
| IV 1500 | 43.8 | 66.2 | 69.0 | 70.8 | 72.5 | 72.9 | 74.0 | 74.3 | 74.3 | 74.7 | 74.8 | 74.8 | 75.1 | 75.3 | 75.4 | 75.4 |
| IV 1200 | 44.2 | 67.7 | 70.6 | 72.5 | 74.6 | 74.9 | 76.1 | 76.4 | 76.5 | 76.9 | 77.0 | 77.0 | 77.3 | 77.4 | 77.5 | 77.6 |
| IV 1000 | 44.8 | 69.3 | 72.4 | 74.6 | 76.9 | 77.3 | 78.5 | 78.9 | 78.9 | 79.4 | 79.4 | 79.5 | 79.9 | 80.0 | 80.1 | 80.2 |
| IV 900 | 45.0 | 70.2 | 73.3 | 75.5 | 77.9 | 78.3 | 79.5 | 79.9 | 80.0 | 80.4 | 80.5 | 80.5 | 80.9 | 81.1 | 81.2 | 81.2 |
| IV 800 | 45.5 | 71.1 | 74.6 | 76.9 | 79.4 | 79.9 | 81.1 | 81.7 | 81.7 | 82.2 | 82.3 | 82.3 | 82.7 | 82.9 | 83.0 | 83.0 |
| IV 700 | 45.7 | 71.7 | 75.4 | 78.0 | 80.6 | 81.1 | 82.5 | 83.1 | 83.2 | 83.7 | 83.8 | 83.8 | 84.2 | 84.4 | 84.5 | 84.5 |
| IV 600 | 45.9 | 72.4 | 76.3 | 79.1 | 82.0 | 82.5 | 83.9 | 84.5 | 84.6 | 85.1 | 85.2 | 85.2 | 85.7 | 85.8 | 85.9 | 86.0 |
| IV 500 | 46.0 | 73.1 | 77.3 | 80.4 | 83.8 | 84.4 | 86.3 | 87.2 | 87.4 | 88.0 | 88.2 | 88.2 | 88.7 | 88.9 | 89.0 | 89.0 |
| IV 400 | 46.0 | 73.4 | 77.6 | 80.9 | 84.8 | 85.4 | 87.5 | 88.7 | 88.9 | 89.7 | 90.0 | 90.0 | 90.7 | 90.9 | 91.0 | 91.1 |
| IV 300 | 46.1 | 73.5 | 77.9 | 81.2 | 85.2 | 86.0 | 88.4 | 89.8 | 90.2 | 91.3 | 92.1 | 92.1 | 93.2 | 93.6 | 93.8 | 94.1 |
| IV 200 | 46.1 | 73.5 | 77.9 | 81.3 | 85.4 | 86.2 | 88.7 | 90.1 | 90.5 | 92.1 | 93.0 | 93.1 | 94.7 | 95.2 | 95.8 | 96.5 |
| IV 100 | 46.1 | 73.5 | 78.0 | 81.4 | 85.4 | 86.3 | 88.7 | 90.2 | 90.6 | 92.2 | 93.2 | 93.3 | 95.3 | 95.9 | 97.0 | 98.6 |
| IV 0 | 46.2 | 73.6 | 78.0 | 81.4 | 85.5 | 86.3 | 88.8 | 90.3 | 90.7 | 92.3 | 93.3 | 93.4 | 95.5 | 96.2 | 97.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3016

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 31.7 | 38.8 | 39.3 | 39.7 | 39.9 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.1 | 40.1 | 40.1 | 40.1 |
| ≥ 20000 | 37.6 | 45.8 | 46.5 | 47.0 | 47.3 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 |
| IV 12000 | 37.6 | 45.8 | 46.5 | 47.0 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.6 | 47.6 |
| IV 16000 | 37.8 | 46.1 | 46.9 | 47.4 | 47.7 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 |
| IV 14000 | 38.6 | 47.3 | 48.0 | 48.6 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 |
| IV 12000 | 39.7 | 49.0 | 49.7 | 50.3 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 51.0 | 51.0 |
| IV 10000 | 41.2 | 51.1 | 51.9 | 52.6 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 |
| IV 9000 | 41.6 | 51.9 | 52.7 | 53.5 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 |
| IV 8000 | 43.2 | 54.6 | 55.5 | 56.3 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 |
| IV 7000 | 44.2 | 56.6 | 57.7 | 58.6 | 59.2 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 |
| IV 6000 | 44.9 | 57.9 | 59.1 | 60.0 | 60.6 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 |
| IV 5000 | 46.0 | 60.0 | 61.2 | 62.3 | 62.9 | 63.0 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 |
| IV 4500 | 46.4 | 60.6 | 61.9 | 62.9 | 63.6 | 63.6 | 63.8 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 |
| IV 4000 | 47.6 | 62.4 | 63.8 | 64.9 | 65.6 | 65.6 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 |
| IV 3500 | 48.0 | 63.4 | 64.8 | 66.0 | 66.7 | 66.7 | 67.0 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 |
| IV 3000 | 49.1 | 65.8 | 67.3 | 68.5 | 69.3 | 69.4 | 69.7 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 |
| IV 2500 | 50.0 | 68.3 | 70.0 | 71.4 | 72.4 | 72.5 | 72.9 | 73.2 | 73.2 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 |
| IV 2000 | 50.9 | 70.7 | 72.6 | 74.1 | 75.2 | 75.3 | 75.8 | 76.2 | 76.2 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 |
| IV 1800 | 51.2 | 71.2 | 73.1 | 74.6 | 75.8 | 75.9 | 76.4 | 76.8 | 76.8 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.2 | 77.2 |
| IV 1500 | 51.9 | 73.3 | 75.4 | 77.1 | 78.4 | 78.5 | 79.1 | 79.5 | 79.5 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 |
| IV 1200 | 52.4 | 75.0 | 77.6 | 79.5 | 81.2 | 81.3 | 82.0 | 82.4 | 82.4 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 |
| IV 1000 | 52.8 | 76.3 | 79.3 | 81.4 | 83.4 | 83.5 | 84.2 | 84.7 | 84.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 |
| IV 900 | 53.0 | 77.1 | 80.3 | 82.5 | 84.5 | 84.7 | 85.4 | 85.9 | 85.9 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 |
| IV 800 | 53.2 | 77.7 | 81.2 | 83.4 | 85.6 | 85.8 | 86.7 | 87.2 | 87.3 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 |
| IV 700 | 53.2 | 78.3 | 81.9 | 84.4 | 86.9 | 87.2 | 88.2 | 88.9 | 88.9 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.7 | 89.7 |
| IV 600 | 53.3 | 78.5 | 82.1 | 84.8 | 87.6 | 88.0 | 89.1 | 89.8 | 89.9 | 90.3 | 90.4 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 |
| IV 500 | 53.3 | 78.9 | 82.6 | 85.5 | 88.7 | 89.1 | 90.1 | 91.4 | 91.5 | 92.1 | 92.3 | 92.3 | 92.4 | 92.4 | 92.5 | 92.5 |
| IV 400 | 53.4 | 79.3 | 83.1 | 86.1 | 89.6 | 90.1 | 91.6 | 92.9 | 93.0 | 93.9 | 94.1 | 94.1 | 94.3 | 94.4 | 94.6 | 94.6 |
| IV 300 | 53.4 | 79.3 | 83.2 | 86.2 | 89.9 | 90.4 | 92.4 | 93.5 | 93.7 | 94.8 | 95.2 | 95.2 | 95.6 | 95.8 | 96.2 | 96.5 |
| IV 200 | 53.4 | 79.3 | 83.2 | 86.3 | 90.0 | 90.5 | 92.5 | 93.7 | 93.9 | 95.3 | 95.9 | 96.0 | 96.7 | 97.0 | 97.7 | 98.1 |
| IV 100 | 53.4 | 79.3 | 83.2 | 86.3 | 90.0 | 90.5 | 92.5 | 93.8 | 94.0 | 95.4 | 96.1 | 96.2 | 97.1 | 97.5 | 98.4 | 99.2 |
| IV 0 | 53.4 | 79.3 | 83.2 | 86.3 | 90.0 | 90.5 | 92.5 | 93.8 | 94.0 | 95.4 | 96.1 | 96.2 | 97.2 | 97.7 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3025

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅔ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 30.6 | 39.1 | 39.8 | 40.3 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.7 | 40.8 | 40.8 | 40.9 | 40.9 | 40.9 | 40.9 |
| ≥ 20000 | 37.6 | 47.7 | 48.7 | 49.2 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.9 |
| IV 18000 | 37.8 | 48.0 | 49.0 | 49.5 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 |
| IV 16000 | 37.9 | 48.1 | 49.1 | 49.7 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 |
| IV 14000 | 38.3 | 48.9 | 49.9 | 50.6 | 50.9 | 50.9 | 51.0 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.4 |
| IV 12000 | 39.8 | 50.8 | 51.8 | 52.7 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.6 | 53.6 |
| IV 10000 | 41.2 | 52.7 | 53.8 | 54.7 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.4 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 |
| IV 9000 | 41.7 | 53.5 | 54.6 | 55.6 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.4 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.6 |
| IV 8000 | 43.2 | 56.3 | 57.5 | 58.5 | 58.9 | 58.9 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 7000 | 44.2 | 58.1 | 59.4 | 60.6 | 61.0 | 61.0 | 61.2 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.6 |
| IV 6000 | 44.8 | 59.6 | 61.2 | 62.4 | 62.9 | 62.9 | 63.0 | 63.1 | 63.1 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 |
| IV 5000 | 45.5 | 61.1 | 62.8 | 64.2 | 64.7 | 64.7 | 64.9 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.3 |
| IV 4500 | 46.1 | 62.1 | 63.8 | 65.2 | 65.7 | 65.7 | 65.8 | 65.9 | 65.9 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 |
| IV 4000 | 47.0 | 63.8 | 65.5 | 67.1 | 67.8 | 67.8 | 68.1 | 68.3 | 68.3 | 68.4 | 68.5 | 68.5 | 68.6 | 68.6 | 68.7 | 68.7 |
| IV 3500 | 47.6 | 65.1 | 66.9 | 68.5 | 69.3 | 69.3 | 69.6 | 69.8 | 69.8 | 69.9 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.3 |
| IV 3000 | 48.2 | 66.7 | 68.9 | 70.6 | 71.5 | 71.6 | 71.9 | 72.1 | 72.1 | 72.2 | 72.4 | 72.4 | 72.5 | 72.5 | 72.6 | 72.6 |
| IV 2500 | 49.2 | 69.1 | 71.5 | 73.5 | 74.6 | 74.7 | 75.0 | 75.3 | 75.3 | 75.5 | 75.7 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 |
| IV 2000 | 49.9 | 71.6 | 74.4 | 76.5 | 77.9 | 78.0 | 78.4 | 78.7 | 78.7 | 78.9 | 79.1 | 79.1 | 79.3 | 79.3 | 79.3 | 79.4 |
| IV 1800 | 50.0 | 71.9 | 74.7 | 76.9 | 78.4 | 78.5 | 78.8 | 79.1 | 79.1 | 79.3 | 79.6 | 79.6 | 79.8 | 79.8 | 79.8 | 79.9 |
| IV 1500 | 50.6 | 74.1 | 77.1 | 79.4 | 81.0 | 81.1 | 81.6 | 81.9 | 81.9 | 82.1 | 82.4 | 82.4 | 82.6 | 82.6 | 82.7 | 82.7 |
| IV 1200 | 50.9 | 75.3 | 78.4 | 80.8 | 82.5 | 82.7 | 83.4 | 83.7 | 83.7 | 84.0 | 84.2 | 84.2 | 84.4 | 84.4 | 84.5 | 84.6 |
| IV 1000 | 51.1 | 76.3 | 79.5 | 82.2 | 84.3 | 84.5 | 85.3 | 85.6 | 85.7 | 86.0 | 86.2 | 86.2 | 86.4 | 86.4 | 86.5 | 86.6 |
| IV 900 | 51.3 | 76.8 | 80.2 | 83.0 | 85.3 | 85.5 | 86.3 | 86.7 | 86.8 | 87.1 | 87.3 | 87.3 | 87.5 | 87.5 | 87.6 | 87.7 |
| IV 800 | 51.3 | 77.3 | 80.7 | 83.8 | 86.2 | 86.4 | 87.4 | 87.8 | 87.9 | 88.2 | 88.5 | 88.5 | 88.7 | 88.7 | 88.8 | 88.8 |
| IV 700 | 51.3 | 77.7 | 81.3 | 84.5 | 87.1 | 87.4 | 88.5 | 88.9 | 89.0 | 89.4 | 89.6 | 89.6 | 89.8 | 89.8 | 89.9 | 90.0 |
| IV 600 | 51.4 | 78.0 | 81.7 | 85.0 | 87.8 | 88.1 | 89.4 | 89.9 | 89.9 | 90.5 | 90.9 | 90.9 | 91.1 | 91.1 | 91.2 | 91.2 |
| IV 500 | 51.6 | 78.6 | 82.3 | 85.7 | 88.7 | 89.0 | 90.7 | 91.3 | 91.3 | 92.1 | 92.4 | 92.4 | 92.6 | 92.6 | 92.8 | 92.8 |
| IV 400 | 51.6 | 78.8 | 82.6 | 86.2 | 89.6 | 90.0 | 91.8 | 92.6 | 92.7 | 93.8 | 94.2 | 94.2 | 94.5 | 94.5 | 94.8 | 94.8 |
| IV 300 | 51.6 | 78.8 | 82.6 | 86.2 | 90.0 | 90.4 | 92.4 | 93.2 | 93.3 | 94.6 | 95.2 | 95.3 | 95.8 | 95.9 | 96.2 | 96.4 |
| IV 200 | 51.6 | 78.8 | 82.6 | 86.2 | 90.0 | 90.4 | 92.5 | 93.4 | 93.5 | 95.0 | 95.7 | 95.8 | 96.6 | 96.7 | 97.3 | 97.7 |
| IV 100 | 51.6 | 78.8 | 82.6 | 86.2 | 90.0 | 90.4 | 92.5 | 93.5 | 93.6 | 95.2 | 95.9 | 96.0 | 97.0 | 97.3 | 98.1 | 98.9 |
| IV 0 | 51.6 | 78.8 | 82.7 | 86.3 | 90.1 | 90.5 | 92.6 | 93.5 | 93.6 | 95.3 | 96.0 | 96.0 | 97.1 | 97.4 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3013

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (-FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|--------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 27.8 | 41.1 | 42.7 | 43.8 | 44.3 | 44.3 | 44.5 | 44.5 | 44.5 | 44.6 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 20000 | 31.8 | 46.8 | 48.5 | 49.7 | 50.3 | 50.3 | 50.5 | 50.5 | 50.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.8 | 50.8 |
| IV 18000 | 32.0 | 47.0 | 48.7 | 49.9 | 50.5 | 50.5 | 50.7 | 50.7 | 50.7 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 51.0 | 51.0 |
| IV 16000 | 32.2 | 47.3 | 49.0 | 50.2 | 50.8 | 50.8 | 51.0 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 |
| IV 14000 | 32.6 | 48.0 | 49.7 | 50.9 | 51.5 | 51.5 | 51.8 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 |
| IV 12000 | 33.7 | 49.8 | 51.7 | 53.0 | 53.7 | 53.7 | 53.9 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 |
| IV 10000 | 34.7 | 51.4 | 53.4 | 54.7 | 55.4 | 55.4 | 55.7 | 55.7 | 55.7 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 |
| IV 9000 | 35.0 | 51.9 | 53.9 | 55.2 | 56.0 | 56.0 | 56.3 | 56.3 | 56.3 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 |
| IV 8000 | 36.4 | 53.7 | 55.7 | 57.0 | 57.8 | 57.8 | 58.1 | 58.2 | 58.2 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 |
| IV 7000 | 37.1 | 55.0 | 57.2 | 58.6 | 59.4 | 59.4 | 59.8 | 59.8 | 59.8 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 |
| IV 6000 | 37.6 | 56.2 | 58.6 | 60.2 | 61.0 | 61.0 | 61.3 | 61.4 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 |
| IV 5000 | 38.8 | 58.0 | 60.5 | 62.1 | 63.0 | 63.0 | 63.4 | 63.5 | 63.5 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 |
| IV 4500 | 39.2 | 58.8 | 61.4 | 63.0 | 63.9 | 63.9 | 64.3 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 |
| IV 4000 | 40.1 | 60.7 | 63.4 | 65.1 | 66.1 | 66.1 | 66.6 | 66.7 | 66.7 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.2 |
| IV 3500 | 40.7 | 62.1 | 64.9 | 66.7 | 67.7 | 67.7 | 68.3 | 68.3 | 68.3 | 68.6 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.9 |
| IV 3000 | 41.1 | 63.4 | 66.4 | 68.2 | 69.3 | 69.3 | 69.9 | 70.0 | 70.0 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.5 | 70.5 |
| IV 2500 | 41.6 | 65.3 | 68.6 | 70.6 | 71.9 | 71.9 | 72.7 | 72.9 | 72.9 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.5 |
| IV 2000 | 42.4 | 67.6 | 71.1 | 73.4 | 74.9 | 74.9 | 75.8 | 76.0 | 76.0 | 76.3 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.6 |
| IV 1800 | 42.6 | 68.2 | 71.7 | 74.1 | 75.6 | 75.6 | 76.5 | 76.7 | 76.7 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.3 | 77.3 |
| IV 1500 | 43.1 | 69.7 | 73.5 | 76.0 | 77.5 | 77.5 | 78.7 | 78.9 | 78.9 | 79.3 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 | 79.5 |
| IV 1200 | 43.5 | 70.9 | 74.8 | 77.6 | 79.4 | 79.4 | 80.7 | 80.9 | 80.9 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.5 | 81.5 |
| IV 1000 | 43.6 | 71.7 | 75.7 | 78.5 | 80.5 | 80.5 | 81.9 | 82.2 | 82.2 | 82.7 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 83.0 |
| IV 900 | 43.9 | 72.5 | 76.5 | 79.4 | 81.4 | 81.5 | 82.9 | 83.2 | 83.2 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 84.0 |
| IV 800 | 43.9 | 73.1 | 77.2 | 80.2 | 82.3 | 82.4 | 84.0 | 84.4 | 84.4 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 |
| IV 700 | 44.0 | 73.7 | 78.2 | 81.3 | 83.6 | 83.8 | 85.5 | 85.8 | 85.8 | 86.4 | 86.5 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 |
| IV 600 | 44.0 | 74.1 | 78.8 | 82.0 | 84.4 | 84.6 | 86.4 | 86.8 | 86.8 | 87.4 | 87.5 | 87.5 | 87.6 | 87.6 | 87.7 | 87.8 |
| IV 500 | 44.0 | 74.5 | 79.4 | 82.6 | 85.4 | 85.6 | 87.6 | 88.2 | 88.2 | 88.8 | 89.0 | 89.0 | 89.1 | 89.1 | 89.2 | 89.3 |
| IV 400 | 44.0 | 74.7 | 79.9 | 83.2 | 86.7 | 87.0 | 89.3 | 90.0 | 90.1 | 90.8 | 91.0 | 91.0 | 91.2 | 91.2 | 91.4 | 91.6 |
| IV 300 | 44.0 | 74.9 | 80.0 | 83.6 | 87.3 | 87.8 | 90.3 | 91.2 | 91.3 | 92.5 | 93.0 | 93.0 | 93.3 | 93.3 | 93.6 | 93.9 |
| IV 200 | 44.0 | 74.9 | 80.1 | 83.7 | 87.5 | 88.0 | 90.7 | 91.7 | 91.8 | 93.2 | 93.6 | 93.7 | 94.6 | 94.8 | 95.4 | 96.0 |
| IV 100 | 44.0 | 74.9 | 80.1 | 83.8 | 87.6 | 88.1 | 90.8 | 91.8 | 91.9 | 93.3 | 94.0 | 94.0 | 95.1 | 95.5 | 96.3 | 97.9 |
| IV 0 | 44.0 | 75.0 | 80.1 | 83.8 | 87.6 | 88.1 | 90.8 | 91.9 | 92.0 | 93.4 | 94.0 | 94.1 | 95.2 | 95.7 | 96.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2984

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

43-74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.4 | 41.8 | 43.8 | 45.0 | 46.0 | 46.1 | 46.3 | 46.3 | 46.3 | 46.5 | 46.5 | 46.5 | 46.8 | 46.8 | 46.9 | 47.3 |
| IV 20000 | 30.2 | 46.0 | 48.2 | 49.4 | 50.4 | 50.5 | 50.8 | 50.8 | 50.8 | 50.9 | 51.0 | 51.0 | 51.3 | 51.3 | 51.4 | 51.8 |
| IV 18000 | 30.3 | 46.2 | 48.3 | 49.6 | 50.6 | 50.7 | 51.0 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.4 | 51.4 | 51.5 | 52.0 |
| IV 16000 | 30.5 | 46.4 | 48.5 | 49.8 | 50.8 | 50.9 | 51.1 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.6 | 51.6 | 51.7 | 52.2 |
| IV 14000 | 30.8 | 47.2 | 49.3 | 50.6 | 51.6 | 51.7 | 52.0 | 52.0 | 52.0 | 52.1 | 52.1 | 52.1 | 52.4 | 52.4 | 52.5 | 53.0 |
| IV 12000 | 32.0 | 49.0 | 51.3 | 52.5 | 53.5 | 53.6 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.4 | 54.4 | 54.5 | 55.0 |
| IV 10000 | 32.8 | 50.4 | 52.6 | 54.1 | 55.1 | 55.1 | 55.4 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 56.0 | 56.0 | 56.1 | 56.5 |
| IV 9000 | 33.1 | 50.8 | 53.0 | 54.5 | 55.5 | 55.6 | 55.9 | 55.9 | 55.9 | 56.1 | 56.1 | 56.1 | 56.5 | 56.5 | 56.6 | 57.0 |
| IV 8000 | 33.9 | 52.5 | 55.0 | 56.5 | 57.5 | 57.6 | 58.0 | 58.0 | 58.0 | 58.2 | 58.3 | 58.3 | 58.6 | 58.6 | 58.7 | 59.2 |
| IV 7000 | 34.9 | 53.9 | 56.5 | 58.0 | 59.0 | 59.1 | 59.5 | 59.5 | 59.5 | 59.7 | 59.8 | 59.8 | 60.1 | 60.1 | 60.3 | 60.7 |
| IV 6000 | 35.4 | 55.1 | 57.7 | 59.2 | 60.3 | 60.4 | 60.7 | 60.8 | 60.8 | 61.0 | 61.1 | 61.1 | 61.4 | 61.4 | 61.5 | 62.0 |
| IV 5000 | 36.1 | 56.4 | 59.0 | 60.7 | 61.8 | 61.9 | 62.3 | 62.4 | 62.4 | 62.5 | 62.6 | 62.6 | 63.0 | 63.0 | 63.1 | 63.5 |
| IV 4500 | 36.4 | 57.1 | 59.7 | 61.4 | 62.5 | 62.6 | 63.0 | 63.1 | 63.1 | 63.3 | 63.4 | 63.4 | 63.8 | 63.8 | 63.9 | 64.4 |
| IV 4000 | 36.9 | 58.3 | 61.1 | 62.9 | 63.9 | 64.1 | 64.5 | 64.5 | 64.5 | 64.8 | 64.9 | 64.9 | 65.3 | 65.3 | 65.4 | 65.9 |
| IV 3500 | 37.0 | 59.2 | 62.1 | 63.9 | 64.9 | 65.1 | 65.5 | 65.6 | 65.6 | 65.9 | 66.0 | 66.0 | 66.3 | 66.3 | 66.5 | 66.9 |
| IV 3000 | 37.3 | 60.4 | 63.3 | 65.2 | 66.2 | 66.5 | 66.9 | 67.0 | 67.0 | 67.3 | 67.4 | 67.4 | 67.7 | 67.7 | 67.9 | 68.3 |
| IV 2500 | 37.7 | 62.0 | 65.1 | 67.1 | 68.2 | 68.5 | 68.9 | 69.0 | 69.0 | 69.3 | 69.4 | 69.4 | 69.7 | 69.7 | 69.9 | 70.3 |
| IV 2000 | 38.7 | 64.4 | 67.5 | 69.7 | 71.0 | 71.2 | 71.8 | 71.9 | 71.9 | 72.2 | 72.3 | 72.3 | 72.7 | 72.7 | 72.8 | 73.2 |
| IV 1800 | 39.0 | 64.8 | 67.9 | 70.2 | 71.5 | 71.7 | 72.3 | 72.4 | 72.4 | 72.7 | 72.8 | 72.8 | 73.2 | 73.2 | 73.3 | 73.8 |
| IV 1500 | 39.3 | 66.3 | 69.5 | 72.1 | 73.4 | 73.7 | 74.3 | 74.4 | 74.4 | 74.8 | 74.9 | 74.9 | 75.2 | 75.2 | 75.4 | 75.8 |
| IV 1200 | 39.7 | 67.5 | 70.8 | 73.4 | 74.7 | 74.9 | 75.6 | 75.7 | 75.7 | 76.1 | 76.2 | 76.2 | 76.5 | 76.5 | 76.7 | 77.1 |
| IV 1000 | 39.9 | 68.5 | 71.7 | 74.5 | 76.1 | 76.3 | 77.0 | 77.1 | 77.2 | 77.6 | 77.7 | 77.7 | 78.0 | 78.0 | 78.2 | 78.7 |
| IV 900 | 40.2 | 69.2 | 72.6 | 75.5 | 77.0 | 77.2 | 78.2 | 78.3 | 78.3 | 78.7 | 78.9 | 78.9 | 79.2 | 79.2 | 79.4 | 79.9 |
| IV 800 | 40.2 | 70.0 | 73.5 | 76.5 | 78.2 | 78.4 | 79.4 | 79.5 | 79.6 | 80.1 | 80.2 | 80.2 | 80.6 | 80.6 | 80.7 | 81.2 |
| IV 700 | 40.2 | 70.3 | 73.8 | 77.0 | 78.9 | 79.1 | 80.1 | 80.2 | 80.3 | 80.8 | 80.9 | 80.9 | 81.3 | 81.3 | 81.4 | 81.9 |
| IV 600 | 40.2 | 70.7 | 74.4 | 77.9 | 79.9 | 80.1 | 81.3 | 81.4 | 81.5 | 82.0 | 82.1 | 82.1 | 82.5 | 82.5 | 82.6 | 83.1 |
| IV 500 | 40.3 | 71.4 | 75.2 | 79.0 | 81.1 | 81.4 | 82.8 | 83.0 | 83.1 | 83.7 | 83.9 | 84.0 | 84.4 | 84.4 | 84.6 | 85.1 |
| IV 400 | 40.3 | 71.9 | 76.1 | 79.9 | 82.4 | 82.7 | 84.5 | 84.7 | 84.8 | 85.5 | 85.8 | 85.8 | 86.2 | 86.2 | 86.4 | 87.0 |
| IV 300 | 40.3 | 72.1 | 76.4 | 80.3 | 83.1 | 83.5 | 85.5 | 85.9 | 86.1 | 87.1 | 87.6 | 87.6 | 88.1 | 88.2 | 88.6 | 89.3 |
| IV 200 | 40.3 | 72.3 | 76.8 | 80.8 | 83.6 | 84.0 | 86.3 | 86.8 | 87.0 | 88.5 | 89.1 | 89.2 | 89.9 | 90.2 | 90.8 | 92.0 |
| IV 100 | 40.3 | 72.4 | 76.9 | 80.9 | 83.8 | 84.2 | 86.7 | 87.2 | 87.4 | 89.3 | 90.2 | 90.3 | 91.4 | 92.1 | 93.4 | 96.1 |
| IV 0 | 40.3 | 72.4 | 76.9 | 80.9 | 83.8 | 84.2 | 86.8 | 87.3 | 87.5 | 89.4 | 90.3 | 90.3 | 91.8 | 92.6 | 94.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2710

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-66,74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 24.7 | 44.0 | 46.4 | 48.4 | 49.3 | 49.3 | 49.6 | 49.7 | 49.7 | 50.3 | 50.4 | 50.4 | 50.5 | 50.6 | 50.6 | 50.7 |
| IV 20000 | 26.1 | 46.3 | 48.9 | 50.9 | 51.9 | 51.9 | 52.1 | 52.2 | 52.2 | 52.8 | 52.9 | 52.9 | 53.1 | 53.1 | 53.2 | 53.3 |
| IV 18000 | 26.2 | 46.4 | 49.0 | 51.0 | 52.0 | 52.0 | 52.2 | 52.3 | 52.3 | 52.9 | 53.0 | 53.0 | 53.2 | 53.2 | 53.3 | 53.4 |
| IV 16000 | 26.2 | 46.4 | 49.0 | 51.0 | 52.0 | 52.0 | 52.2 | 52.3 | 52.3 | 52.9 | 53.0 | 53.0 | 53.2 | 53.2 | 53.3 | 53.4 |
| IV 14000 | 26.3 | 46.7 | 49.3 | 51.3 | 52.2 | 52.2 | 52.5 | 52.6 | 52.6 | 53.2 | 53.3 | 53.3 | 53.5 | 53.5 | 53.6 | 53.7 |
| IV 12000 | 27.1 | 48.7 | 51.3 | 53.3 | 54.2 | 54.2 | 54.5 | 54.6 | 54.6 | 55.2 | 55.3 | 55.3 | 55.5 | 55.5 | 55.6 | 55.7 |
| IV 10000 | 28.0 | 50.1 | 53.0 | 55.0 | 55.9 | 55.9 | 56.1 | 56.2 | 56.2 | 56.9 | 57.0 | 57.0 | 57.1 | 57.2 | 57.2 | 57.3 |
| IV 9000 | 28.1 | 50.3 | 53.2 | 55.2 | 56.1 | 56.1 | 56.3 | 56.4 | 56.4 | 57.1 | 57.2 | 57.2 | 57.3 | 57.4 | 57.4 | 57.5 |
| IV 8000 | 28.9 | 52.3 | 55.2 | 57.4 | 58.3 | 57.3 | 58.5 | 58.6 | 58.6 | 59.3 | 59.4 | 59.4 | 59.5 | 59.6 | 59.6 | 59.7 |
| IV 7000 | 29.3 | 53.7 | 56.7 | 58.9 | 59.9 | 59.9 | 60.2 | 60.4 | 60.4 | 61.0 | 61.1 | 61.1 | 61.3 | 61.3 | 61.4 | 61.5 |
| IV 5000 | 29.5 | 54.3 | 57.4 | 59.8 | 60.8 | 60.8 | 61.1 | 61.3 | 61.3 | 61.9 | 62.0 | 62.0 | 62.1 | 62.2 | 62.2 | 62.3 |
| IV 5000 | 29.9 | 55.3 | 58.4 | 60.8 | 61.9 | 61.9 | 62.2 | 62.3 | 62.3 | 63.0 | 63.1 | 63.1 | 63.2 | 63.3 | 63.3 | 63.4 |
| IV 4500 | 30.2 | 56.3 | 59.4 | 61.9 | 62.9 | 62.9 | 63.2 | 63.4 | 63.4 | 64.0 | 64.1 | 64.1 | 64.2 | 64.3 | 64.3 | 64.4 |
| IV 4000 | 30.6 | 57.2 | 60.4 | 62.9 | 63.9 | 63.9 | 64.2 | 64.4 | 64.4 | 65.0 | 65.1 | 65.1 | 65.3 | 65.3 | 65.4 | 65.5 |
| IV 3500 | 30.9 | 58.5 | 61.8 | 64.5 | 65.6 | 65.6 | 65.9 | 66.0 | 66.0 | 66.7 | 66.8 | 66.8 | 66.9 | 67.0 | 67.0 | 67.1 |
| IV 3000 | 31.4 | 59.8 | 63.5 | 66.5 | 67.7 | 67.7 | 68.0 | 68.1 | 68.1 | 68.8 | 68.9 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 |
| IV 2500 | 31.9 | 60.9 | 64.8 | 67.9 | 69.1 | 69.1 | 69.4 | 69.6 | 69.6 | 70.2 | 70.3 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 |
| IV 2000 | 32.4 | 63.0 | 66.9 | 70.4 | 71.6 | 71.6 | 72.0 | 72.2 | 72.2 | 72.8 | 72.9 | 72.9 | 73.1 | 73.2 | 73.2 | 73.4 |
| IV 1800 | 32.4 | 63.3 | 67.3 | 70.7 | 72.0 | 72.0 | 72.4 | 72.5 | 72.5 | 73.2 | 73.3 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 |
| IV 1500 | 32.9 | 64.5 | 68.9 | 72.5 | 73.8 | 73.8 | 74.4 | 74.6 | 74.6 | 75.2 | 75.4 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 |
| IV 1200 | 33.2 | 66.0 | 70.9 | 74.5 | 76.0 | 76.1 | 76.8 | 77.0 | 77.0 | 77.7 | 77.8 | 77.8 | 78.0 | 78.1 | 78.1 | 78.3 |
| IV 1000 | 33.4 | 66.9 | 71.9 | 75.6 | 77.3 | 77.4 | 78.0 | 78.2 | 78.2 | 78.9 | 79.1 | 79.1 | 79.3 | 79.4 | 79.4 | 79.6 |
| IV 900 | 33.5 | 67.4 | 72.6 | 76.2 | 78.0 | 78.0 | 78.7 | 78.9 | 78.9 | 79.6 | 79.8 | 79.8 | 80.0 | 80.0 | 80.1 | 80.2 |
| IV 800 | 33.6 | 68.1 | 73.3 | 77.3 | 79.3 | 79.4 | 80.0 | 80.3 | 80.3 | 81.0 | 81.1 | 81.1 | 81.4 | 81.5 | 81.5 | 81.7 |
| IV 700 | 33.8 | 69.1 | 74.4 | 78.5 | 80.7 | 80.8 | 81.6 | 81.8 | 81.8 | 82.5 | 82.6 | 82.6 | 82.9 | 83.0 | 83.0 | 83.2 |
| IV 600 | 33.9 | 69.6 | 75.3 | 79.5 | 81.7 | 81.8 | 82.7 | 82.9 | 82.9 | 83.7 | 83.8 | 83.8 | 84.0 | 84.1 | 84.2 | 84.3 |
| IV 500 | 33.9 | 69.8 | 75.5 | 80.1 | 82.5 | 82.6 | 83.8 | 84.0 | 84.0 | 84.7 | 84.9 | 84.9 | 85.2 | 85.3 | 85.3 | 85.5 |
| IV 400 | 33.9 | 70.1 | 76.1 | 81.0 | 83.6 | 83.7 | 84.9 | 85.3 | 85.3 | 86.1 | 86.2 | 86.2 | 86.5 | 86.6 | 86.7 | 86.8 |
| IV 300 | 33.9 | 70.3 | 76.5 | 81.5 | 84.6 | 84.7 | 86.2 | 86.9 | 86.9 | 87.9 | 88.2 | 88.2 | 88.5 | 88.7 | 88.9 | 89.1 |
| IV 200 | 33.9 | 70.4 | 76.6 | 82.0 | 85.2 | 85.4 | 87.5 | 88.3 | 88.3 | 89.7 | 90.0 | 90.0 | 90.6 | 90.9 | 91.3 | 91.8 |
| IV 100 | 33.9 | 70.4 | 76.6 | 82.0 | 85.2 | 85.4 | 87.7 | 88.5 | 88.5 | 90.3 | 91.0 | 91.1 | 91.9 | 92.5 | 93.9 | 95.3 |
| IV 0 | 33.9 | 70.4 | 76.6 | 82.0 | 85.2 | 85.4 | 87.7 | 88.5 | 88.5 | 90.4 | 91.1 | 91.2 | 92.0 | 92.6 | 94.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2050

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

43-65,69-72,74

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 23.1 | 40.9 | 42.9 | 43.9 | 45.0 | 45.0 | 45.9 | 46.1 | 46.1 | 46.4 | 46.6 | 46.7 | 46.9 | 46.9 | 47.0 | 47.5 |
| ≥ 20000 | 25.0 | 43.4 | 45.6 | 46.7 | 47.7 | 47.8 | 48.7 | 48.9 | 48.9 | 49.2 | 49.4 | 49.5 | 49.7 | 49.7 | 49.8 | 50.3 |
| IV 18000 | 25.0 | 43.4 | 45.6 | 46.7 | 47.8 | 47.8 | 48.8 | 49.0 | 49.0 | 49.2 | 49.5 | 49.5 | 49.7 | 49.7 | 49.9 | 50.3 |
| IV 16000 | 25.0 | 43.5 | 45.7 | 46.7 | 47.9 | 47.9 | 48.9 | 49.1 | 49.1 | 49.3 | 49.5 | 49.6 | 49.8 | 49.8 | 50.0 | 50.4 |
| IV 14000 | 25.1 | 43.9 | 46.0 | 47.1 | 48.2 | 48.2 | 49.2 | 49.4 | 49.4 | 49.6 | 49.9 | 49.9 | 50.1 | 50.1 | 50.3 | 50.7 |
| IV 12000 | 26.0 | 45.6 | 47.7 | 48.8 | 49.9 | 50.0 | 50.9 | 51.1 | 51.1 | 51.4 | 51.6 | 51.6 | 51.9 | 51.9 | 52.0 | 52.4 |
| IV 10000 | 26.7 | 47.2 | 49.5 | 50.5 | 51.7 | 51.8 | 52.7 | 52.9 | 52.9 | 53.2 | 53.4 | 53.5 | 53.7 | 53.7 | 53.8 | 54.3 |
| IV 9000 | 27.0 | 47.8 | 50.1 | 51.1 | 52.4 | 52.4 | 53.3 | 53.5 | 53.5 | 53.8 | 54.1 | 54.1 | 54.3 | 54.3 | 54.5 | 54.9 |
| IV 8000 | 28.0 | 50.0 | 52.3 | 53.5 | 54.8 | 54.8 | 55.8 | 56.0 | 56.0 | 56.3 | 56.5 | 56.6 | 56.8 | 56.8 | 56.9 | 57.4 |
| IV 7000 | 28.6 | 51.3 | 53.8 | 55.1 | 56.4 | 56.5 | 57.4 | 57.6 | 57.6 | 57.9 | 58.1 | 58.2 | 58.4 | 58.4 | 58.5 | 59.0 |
| IV 6000 | 29.1 | 52.1 | 54.6 | 56.0 | 57.4 | 57.5 | 58.4 | 58.6 | 58.6 | 58.9 | 59.1 | 59.2 | 59.4 | 59.4 | 59.5 | 60.0 |
| IV 5000 | 29.5 | 53.3 | 55.8 | 57.3 | 58.7 | 58.9 | 60.0 | 60.2 | 60.2 | 60.5 | 60.8 | 60.8 | 61.1 | 61.1 | 61.2 | 61.7 |
| IV 4500 | 29.9 | 53.9 | 56.4 | 57.9 | 59.3 | 59.5 | 60.6 | 60.8 | 60.8 | 61.1 | 61.4 | 61.5 | 61.7 | 61.7 | 61.8 | 62.3 |
| IV 4000 | 30.4 | 55.4 | 58.0 | 59.4 | 60.8 | 61.0 | 62.2 | 62.4 | 62.4 | 62.7 | 63.0 | 63.1 | 63.3 | 63.3 | 63.4 | 63.9 |
| IV 3500 | 30.9 | 56.7 | 59.5 | 61.1 | 62.5 | 62.7 | 63.8 | 64.1 | 64.1 | 64.4 | 64.7 | 64.7 | 65.0 | 65.0 | 65.1 | 65.6 |
| IV 3000 | 31.3 | 58.4 | 61.3 | 63.0 | 64.4 | 64.6 | 65.7 | 66.0 | 66.0 | 66.3 | 66.6 | 66.7 | 66.9 | 66.9 | 67.1 | 67.5 |
| IV 2500 | 31.6 | 59.2 | 62.2 | 64.2 | 65.7 | 65.9 | 67.0 | 67.4 | 67.4 | 67.7 | 68.0 | 68.0 | 68.3 | 68.3 | 68.4 | 68.9 |
| IV 2000 | 32.1 | 61.5 | 64.8 | 66.9 | 68.6 | 68.9 | 70.0 | 70.3 | 70.3 | 70.7 | 71.0 | 71.1 | 71.3 | 71.3 | 71.5 | 71.9 |
| IV 1800 | 32.2 | 61.8 | 65.1 | 67.1 | 68.9 | 69.2 | 70.3 | 70.7 | 70.7 | 71.1 | 71.4 | 71.4 | 71.7 | 71.7 | 71.8 | 72.3 |
| IV 1500 | 32.5 | 62.7 | 66.3 | 68.5 | 70.6 | 70.9 | 72.1 | 72.4 | 72.4 | 72.8 | 73.1 | 73.2 | 73.4 | 73.4 | 73.6 | 74.1 |
| IV 1200 | 33.0 | 64.8 | 68.6 | 70.9 | 73.2 | 73.5 | 74.7 | 75.0 | 75.0 | 75.5 | 75.8 | 75.9 | 76.1 | 76.1 | 76.3 | 76.7 |
| IV 1000 | 33.3 | 66.0 | 69.9 | 72.4 | 74.9 | 75.2 | 76.4 | 76.8 | 76.8 | 77.3 | 77.6 | 77.7 | 77.9 | 77.9 | 78.1 | 78.5 |
| IV 900 | 33.5 | 66.8 | 70.9 | 73.5 | 76.1 | 76.4 | 77.7 | 78.0 | 78.0 | 78.5 | 78.8 | 78.9 | 79.1 | 79.1 | 79.4 | 79.8 |
| IV 800 | 33.6 | 67.3 | 71.6 | 74.5 | 77.2 | 77.5 | 78.8 | 79.2 | 79.2 | 79.7 | 80.1 | 80.2 | 80.4 | 80.4 | 80.7 | 81.1 |
| IV 700 | 33.8 | 67.7 | 72.2 | 75.2 | 77.9 | 78.2 | 79.6 | 80.0 | 80.0 | 80.5 | 80.9 | 80.9 | 81.1 | 81.1 | 81.5 | 81.9 |
| IV 600 | 34.0 | 68.3 | 73.0 | 76.2 | 78.9 | 79.2 | 80.7 | 81.1 | 81.1 | 81.6 | 82.1 | 82.1 | 82.4 | 82.4 | 82.7 | 83.2 |
| IV 500 | 34.2 | 68.9 | 73.8 | 77.2 | 80.1 | 80.3 | 82.0 | 82.5 | 82.5 | 83.1 | 83.6 | 83.7 | 83.9 | 83.9 | 84.3 | 84.7 |
| IV 400 | 34.2 | 69.4 | 74.5 | 78.2 | 81.1 | 81.4 | 83.2 | 83.8 | 83.9 | 84.5 | 85.1 | 85.1 | 85.4 | 85.4 | 85.8 | 86.3 |
| IV 300 | 34.2 | 69.8 | 75.1 | 78.8 | 82.2 | 82.5 | 84.6 | 85.4 | 85.5 | 86.4 | 87.1 | 87.1 | 87.4 | 87.6 | 88.0 | 88.5 |
| IV 200 | 34.2 | 69.9 | 75.4 | 79.1 | 82.6 | 83.0 | 85.5 | 86.4 | 86.5 | 87.7 | 88.5 | 88.6 | 89.1 | 89.3 | 90.0 | 90.9 |
| IV 100 | 34.2 | 69.9 | 75.4 | 79.1 | 82.6 | 83.0 | 85.6 | 86.5 | 86.5 | 87.9 | 88.9 | 89.2 | 90.1 | 90.7 | 92.1 | 94.3 |
| IV 0 | 34.2 | 69.9 | 75.4 | 79.1 | 82.6 | 83.0 | 85.6 | 86.5 | 86.6 | 87.9 | 89.0 | 89.2 | 90.2 | 90.9 | 92.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2212

USAF ETAC

FORM
JUL 64

014-5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FE8
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 24.2 | 35.8 | 37.4 | 38.1 | 38.9 | 39.1 | 39.4 | 39.6 | 39.7 | 39.8 | 39.9 | 39.9 | 40.0 | 40.1 | 40.2 | 40.5 |
| ≥ 20000 | 26.8 | 40.0 | 41.9 | 42.8 | 43.6 | 43.8 | 44.3 | 44.4 | 44.5 | 44.6 | 44.8 | 44.8 | 45.0 | 45.0 | 45.2 | 45.6 |
| IV 18000 | 26.9 | 40.2 | 42.0 | 42.9 | 43.8 | 44.0 | 44.4 | 44.5 | 44.6 | 44.7 | 44.9 | 45.0 | 45.2 | 45.2 | 45.3 | 45.7 |
| IV 16000 | 27.1 | 40.4 | 42.3 | 43.2 | 44.0 | 44.2 | 44.6 | 44.8 | 44.9 | 45.0 | 45.2 | 45.2 | 45.4 | 45.4 | 45.6 | 46.0 |
| IV 14000 | 27.2 | 40.8 | 42.8 | 43.7 | 44.5 | 44.7 | 45.2 | 45.3 | 45.4 | 45.5 | 45.7 | 45.7 | 45.9 | 46.0 | 46.1 | 46.5 |
| IV 12000 | 28.7 | 42.8 | 44.9 | 45.8 | 46.8 | 47.0 | 47.5 | 47.7 | 47.8 | 47.9 | 48.1 | 48.1 | 48.3 | 48.4 | 48.5 | 48.9 |
| IV 10000 | 30.5 | 45.7 | 47.9 | 49.0 | 50.1 | 50.2 | 50.8 | 51.0 | 51.1 | 51.2 | 51.4 | 51.5 | 51.7 | 51.7 | 51.9 | 52.3 |
| IV 9000 | 30.9 | 46.6 | 48.8 | 49.9 | 51.0 | 51.1 | 51.7 | 51.9 | 52.0 | 52.1 | 52.3 | 52.4 | 52.6 | 52.6 | 52.8 | 53.2 |
| IV 8000 | 31.8 | 48.4 | 50.7 | 51.9 | 53.0 | 53.1 | 53.7 | 53.9 | 54.0 | 54.2 | 54.4 | 54.4 | 54.7 | 54.7 | 54.8 | 55.2 |
| IV 7000 | 32.3 | 49.5 | 51.9 | 53.3 | 54.5 | 54.7 | 55.3 | 55.5 | 55.6 | 55.7 | 56.0 | 56.0 | 56.2 | 56.3 | 56.4 | 56.8 |
| IV 6000 | 33.0 | 50.9 | 53.4 | 54.8 | 56.1 | 56.3 | 56.9 | 57.1 | 57.2 | 57.4 | 57.6 | 57.6 | 57.9 | 57.9 | 58.0 | 58.4 |
| IV 5000 | 33.9 | 52.3 | 54.8 | 56.4 | 57.9 | 58.2 | 58.9 | 59.2 | 59.3 | 59.4 | 59.6 | 59.7 | 60.0 | 60.0 | 60.1 | 60.5 |
| IV 4500 | 34.4 | 53.2 | 55.7 | 57.3 | 58.8 | 59.1 | 59.8 | 60.1 | 60.2 | 60.4 | 60.6 | 60.6 | 60.9 | 61.0 | 61.1 | 61.5 |
| IV 4000 | 35.2 | 55.1 | 57.6 | 59.4 | 61.0 | 61.4 | 62.1 | 62.4 | 62.5 | 62.7 | 62.9 | 62.9 | 63.2 | 63.3 | 63.4 | 63.9 |
| IV 3500 | 35.9 | 56.5 | 59.2 | 61.0 | 62.6 | 63.0 | 63.8 | 64.1 | 64.2 | 64.4 | 64.6 | 64.6 | 64.9 | 65.0 | 65.1 | 65.6 |
| IV 3000 | 36.3 | 57.9 | 60.6 | 62.5 | 64.2 | 64.6 | 65.4 | 65.7 | 65.8 | 66.0 | 66.2 | 66.3 | 66.6 | 66.6 | 66.8 | 67.3 |
| IV 2500 | 36.9 | 59.3 | 62.2 | 64.1 | 65.9 | 66.3 | 67.2 | 67.5 | 67.6 | 67.9 | 68.1 | 68.2 | 68.5 | 68.5 | 68.7 | 69.2 |
| IV 2000 | 37.6 | 60.9 | 64.1 | 66.1 | 68.2 | 68.6 | 69.6 | 70.0 | 70.1 | 70.4 | 70.6 | 70.7 | 71.1 | 71.1 | 71.3 | 71.8 |
| IV 1800 | 37.9 | 61.5 | 64.7 | 66.8 | 69.0 | 69.4 | 70.4 | 70.8 | 70.9 | 71.2 | 71.4 | 71.5 | 71.9 | 71.9 | 72.1 | 72.6 |
| IV 1500 | 38.1 | 62.8 | 66.2 | 68.4 | 70.8 | 71.2 | 72.3 | 72.7 | 72.8 | 73.2 | 73.5 | 73.5 | 74.0 | 74.0 | 74.2 | 74.8 |
| IV 1200 | 39.0 | 64.7 | 68.3 | 70.8 | 73.5 | 74.0 | 75.0 | 75.6 | 75.7 | 76.2 | 76.5 | 76.5 | 77.0 | 77.0 | 77.2 | 77.8 |
| IV 1000 | 39.2 | 65.5 | 69.3 | 71.9 | 74.7 | 75.2 | 76.4 | 77.1 | 77.2 | 77.8 | 78.1 | 78.1 | 78.7 | 78.8 | 79.0 | 79.5 |
| IV 900 | 39.5 | 66.1 | 70.0 | 72.6 | 75.6 | 76.0 | 77.3 | 78.1 | 78.2 | 78.9 | 79.2 | 79.3 | 79.9 | 79.9 | 80.1 | 80.6 |
| IV 800 | 39.6 | 66.7 | 70.7 | 73.4 | 76.6 | 77.0 | 78.5 | 79.4 | 79.5 | 80.2 | 80.5 | 80.6 | 81.2 | 81.3 | 81.5 | 82.0 |
| IV 700 | 39.8 | 67.1 | 71.2 | 74.0 | 77.3 | 77.7 | 79.1 | 80.1 | 80.2 | 81.0 | 81.4 | 81.4 | 82.1 | 82.2 | 82.4 | 83.0 |
| IV 600 | 39.9 | 67.8 | 72.1 | 75.3 | 78.7 | 79.2 | 80.7 | 81.8 | 81.9 | 82.7 | 83.2 | 83.2 | 83.9 | 84.0 | 84.3 | 84.8 |
| IV 500 | 40.0 | 68.2 | 72.8 | 76.4 | 80.1 | 80.7 | 82.7 | 83.8 | 83.9 | 84.9 | 85.4 | 85.5 | 86.3 | 86.4 | 86.7 | 87.2 |
| IV 400 | 40.1 | 68.5 | 73.2 | 77.1 | 81.0 | 81.7 | 84.0 | 85.4 | 85.5 | 86.8 | 87.4 | 87.4 | 88.3 | 88.5 | 88.7 | 89.3 |
| IV 300 | 40.1 | 68.8 | 73.7 | 77.8 | 82.1 | 82.8 | 85.6 | 87.2 | 87.3 | 88.9 | 89.6 | 89.6 | 90.8 | 91.0 | 91.4 | 92.1 |
| IV 200 | 40.1 | 68.9 | 73.8 | 78.0 | 82.3 | 83.0 | 85.9 | 87.6 | 87.8 | 89.6 | 90.4 | 90.5 | 92.1 | 92.4 | 93.3 | 94.4 |
| IV 100 | 40.1 | 68.9 | 73.8 | 78.1 | 82.3 | 83.0 | 85.9 | 87.6 | 87.8 | 89.7 | 90.6 | 90.8 | 92.5 | 93.1 | 94.6 | 97.2 |
| IV 0 | 40.1 | 68.9 | 73.8 | 78.1 | 82.3 | 83.0 | 85.9 | 87.6 | 87.8 | 89.7 | 90.6 | 90.8 | 92.5 | 93.1 | 94.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2757

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 29.8 | 39.1 | 40.0 | 40.4 | 40.6 | 40.6 | 40.7 | 40.8 | 40.9 | 40.9 | 41.0 | 41.0 | 41.1 | 41.1 | 41.1 | 41.2 |
| IV 20000 | 34.3 | 45.4 | 46.5 | 47.0 | 47.3 | 47.3 | 47.5 | 47.6 | 47.7 | 47.7 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 48.0 |
| IV 16000 | 34.4 | 45.6 | 46.7 | 47.2 | 47.6 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.2 |
| IV 14000 | 34.4 | 45.6 | 46.7 | 47.2 | 47.6 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.2 |
| IV 12000 | 34.9 | 46.0 | 48.0 | 48.5 | 48.8 | 48.8 | 49.0 | 49.1 | 49.2 | 49.2 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 |
| IV 10000 | 36.4 | 48.8 | 50.1 | 50.6 | 51.0 | 51.0 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 |
| IV 9000 | 38.9 | 52.2 | 53.6 | 54.2 | 54.6 | 54.6 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 8000 | 39.3 | 52.9 | 54.3 | 54.9 | 55.4 | 55.4 | 55.6 | 55.7 | 55.7 | 55.8 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.1 |
| IV 7000 | 40.4 | 54.6 | 56.2 | 57.1 | 57.6 | 57.6 | 57.8 | 57.9 | 58.0 | 58.0 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 |
| IV 6000 | 42.9 | 55.8 | 57.5 | 58.6 | 59.1 | 59.2 | 59.4 | 59.6 | 59.6 | 59.7 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 5000 | 41.7 | 57.2 | 59.1 | 60.1 | 60.9 | 61.0 | 61.5 | 61.6 | 61.7 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.1 |
| IV 4500 | 42.2 | 58.6 | 60.5 | 61.7 | 62.7 | 62.8 | 63.4 | 63.5 | 63.6 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 |
| IV 4000 | 42.7 | 59.4 | 61.4 | 62.7 | 63.7 | 63.8 | 64.4 | 64.6 | 64.7 | 64.7 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 |
| IV 3500 | 43.4 | 60.8 | 62.8 | 64.2 | 65.2 | 65.4 | 66.0 | 66.1 | 66.2 | 66.3 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 |
| IV 3000 | 44.1 | 62.2 | 64.3 | 65.8 | 66.9 | 67.1 | 67.7 | 67.8 | 67.9 | 68.0 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 |
| IV 2500 | 44.6 | 63.7 | 65.9 | 67.6 | 68.7 | 68.9 | 69.5 | 69.7 | 69.7 | 69.8 | 70.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 |
| IV 2000 | 45.5 | 65.3 | 67.7 | 69.4 | 70.7 | 70.8 | 71.5 | 71.7 | 71.8 | 71.9 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.3 |
| IV 1800 | 46.1 | 67.3 | 70.1 | 72.0 | 73.6 | 73.7 | 74.5 | 74.7 | 74.8 | 74.9 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.4 |
| IV 1600 | 46.4 | 68.0 | 70.8 | 72.8 | 74.5 | 74.6 | 75.4 | 75.6 | 75.7 | 75.8 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.3 |
| IV 1400 | 47.3 | 69.8 | 72.8 | 75.0 | 76.9 | 77.1 | 77.9 | 78.2 | 78.3 | 78.4 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.9 |
| IV 1200 | 47.8 | 71.6 | 74.9 | 77.5 | 79.6 | 79.8 | 80.9 | 81.2 | 81.3 | 81.7 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 1000 | 48.3 | 72.8 | 76.6 | 79.4 | 81.7 | 82.0 | 83.1 | 83.4 | 83.5 | 83.9 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.5 |
| IV 900 | 48.4 | 73.2 | 77.1 | 80.1 | 82.6 | 82.8 | 83.9 | 84.3 | 84.4 | 84.8 | 85.1 | 85.1 | 85.3 | 85.3 | 85.3 | 85.4 |
| IV 800 | 48.5 | 73.7 | 77.7 | 80.9 | 83.4 | 83.8 | 85.1 | 85.6 | 85.8 | 86.2 | 86.4 | 86.5 | 86.7 | 86.7 | 86.7 | 86.8 |
| IV 700 | 48.7 | 74.2 | 78.6 | 82.0 | 84.5 | 85.0 | 86.4 | 86.8 | 87.0 | 87.6 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.2 |
| IV 600 | 48.9 | 74.9 | 79.4 | 82.9 | 85.6 | 86.1 | 87.8 | 88.2 | 88.4 | 89.1 | 89.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 500 | 49.0 | 75.4 | 80.1 | 83.9 | 87.1 | 87.6 | 89.6 | 90.1 | 90.3 | 91.1 | 91.4 | 91.4 | 91.7 | 91.7 | 91.7 | 91.8 |
| IV 400 | 49.1 | 75.6 | 80.4 | 84.3 | 87.8 | 88.4 | 90.8 | 91.5 | 91.8 | 92.8 | 93.2 | 93.3 | 93.8 | 93.8 | 93.8 | 93.9 |
| IV 300 | 49.1 | 75.6 | 80.4 | 84.4 | 88.1 | 88.8 | 91.4 | 92.3 | 92.6 | 93.9 | 94.6 | 94.7 | 95.4 | 95.4 | 95.6 | 95.8 |
| IV 200 | 49.1 | 75.6 | 80.4 | 84.4 | 88.2 | 88.9 | 91.5 | 92.5 | 92.7 | 94.3 | 95.2 | 95.3 | 96.2 | 96.3 | 96.7 | 97.3 |
| IV 100 | 49.1 | 75.6 | 80.5 | 84.5 | 88.2 | 88.9 | 91.5 | 92.5 | 92.8 | 94.3 | 95.3 | 95.4 | 96.5 | 96.7 | 97.4 | 98.8 |
| IV 0 | 49.1 | 75.6 | 80.5 | 84.5 | 88.2 | 88.9 | 91.5 | 92.5 | 92.8 | 94.3 | 95.3 | 95.4 | 96.5 | 96.7 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2765

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERV'CE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 33.7 | 42.2 | 43.0 | 43.4 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 44.0 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| ≥ 20000 | 38.6 | 49.0 | 50.3 | 50.9 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| IV 18000 | 38.7 | 49.3 | 50.6 | 51.2 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| IV 16000 | 39.1 | 49.7 | 50.9 | 51.6 | 52.0 | 52.0 | 52.1 | 52.1 | 52.1 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 14000 | 39.7 | 51.0 | 52.4 | 53.0 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| IV 12000 | 41.2 | 53.3 | 54.7 | 55.4 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| IV 10000 | 43.6 | 56.3 | 57.7 | 58.5 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 9000 | 44.2 | 56.9 | 58.4 | 59.2 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| IV 8000 | 45.7 | 59.2 | 60.8 | 61.7 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 7000 | 46.1 | 60.4 | 62.1 | 63.3 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| IV 6000 | 47.2 | 62.1 | 63.9 | 65.3 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| IV 5000 | 47.8 | 63.6 | 65.4 | 66.8 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IV 4500 | 48.3 | 64.4 | 66.4 | 67.9 | 68.7 | 68.8 | 68.9 | 69.0 | 69.0 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 4000 | 48.9 | 66.2 | 68.3 | 69.9 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| IV 3500 | 49.7 | 67.5 | 69.7 | 71.4 | 72.2 | 72.3 | 72.5 | 72.6 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| IV 3000 | 50.2 | 69.2 | 71.6 | 73.3 | 74.1 | 74.3 | 74.5 | 74.6 | 74.7 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 2500 | 51.2 | 71.7 | 74.3 | 76.0 | 76.9 | 77.1 | 77.3 | 77.4 | 77.5 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 |
| IV 2000 | 52.1 | 74.4 | 77.2 | 79.0 | 80.3 | 80.4 | 80.7 | 80.8 | 80.9 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| IV 1800 | 52.4 | 75.0 | 78.0 | 79.9 | 81.2 | 81.3 | 81.6 | 81.7 | 81.8 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 1500 | 53.0 | 77.0 | 80.1 | 82.2 | 83.8 | 84.0 | 84.3 | 84.4 | 84.5 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV 1200 | 53.4 | 78.5 | 81.8 | 84.0 | 85.7 | 85.9 | 86.2 | 86.4 | 86.5 | 86.7 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 1000 | 53.8 | 79.3 | 82.8 | 85.2 | 87.4 | 87.6 | 88.2 | 88.5 | 88.6 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 |
| IV 900 | 54.3 | 79.9 | 83.6 | 86.1 | 88.3 | 88.5 | 89.1 | 89.4 | 89.5 | 89.8 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| IV 800 | 54.5 | 80.4 | 84.3 | 87.0 | 89.5 | 89.8 | 90.5 | 90.8 | 90.9 | 91.3 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 700 | 54.6 | 81.2 | 85.2 | 88.1 | 90.7 | 91.0 | 91.8 | 92.1 | 92.3 | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| IV 600 | 54.6 | 81.3 | 85.4 | 88.4 | 91.2 | 91.5 | 92.4 | 92.8 | 92.9 | 93.4 | 93.6 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 |
| IV 500 | 54.6 | 81.6 | 85.9 | 89.0 | 92.3 | 92.6 | 93.8 | 94.2 | 94.3 | 94.8 | 95.0 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 |
| IV 400 | 54.6 | 81.7 | 86.1 | 89.4 | 93.0 | 93.5 | 95.1 | 95.7 | 95.8 | 96.5 | 96.8 | 96.9 | 97.1 | 97.2 | 97.3 | 97.4 |
| IV 300 | 54.6 | 81.7 | 86.1 | 89.5 | 93.3 | 93.8 | 95.6 | 96.1 | 96.3 | 97.2 | 97.7 | 97.7 | 98.1 | 98.2 | 98.3 | 98.4 |
| IV 200 | 54.6 | 81.7 | 86.1 | 89.5 | 93.3 | 93.8 | 95.7 | 96.3 | 96.4 | 97.4 | 97.9 | 98.0 | 98.6 | 98.7 | 99.0 | 99.2 |
| IV 100 | 54.6 | 81.7 | 86.1 | 89.5 | 93.3 | 93.8 | 95.7 | 96.3 | 96.4 | 97.4 | 97.9 | 98.0 | 98.6 | 98.8 | 99.2 | 99.6 |
| IV 0 | 54.6 | 81.7 | 86.1 | 89.5 | 93.3 | 93.8 | 95.7 | 96.3 | 96.4 | 97.4 | 97.9 | 98.0 | 98.7 | 98.8 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2775

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 34.3 39.7 | 43.3 51.0 | 44.3 52.3 | 45.1 53.3 | 45.2 53.5 | 45.4 53.7 | 45.4 53.7 | 45.4 53.7 | 45.4 53.7 | 45.5 53.7 | 45.5 53.7 | 45.5 53.7 | 45.5 53.9 | 45.5 53.9 | 45.6 53.9 | 45.6 53.9 |
| IV 18000 IV 16000 | 39.8 39.8 | 51.2 51.2 | 52.5 52.5 | 53.5 53.6 | 53.7 53.9 | 53.9 54.0 | 53.9 54.0 | 53.9 54.0 | 53.9 54.0 | 53.9 54.1 | 53.9 54.1 | 53.9 54.1 | 54.0 54.2 | 54.0 54.2 | 54.1 54.2 | 54.1 54.2 |
| IV 14000 IV 12000 | 40.3 41.8 | 52.3 54.8 | 53.6 56.3 | 54.8 57.6 | 55.0 57.9 | 55.2 58.0 | 55.2 58.1 | 55.2 58.1 | 55.2 58.1 | 55.2 58.1 | 55.2 58.1 | 55.2 58.1 | 55.3 58.2 | 55.3 58.2 | 55.4 58.3 | 55.4 58.3 |
| IV 10000 IV 9000 | 44.0 44.5 | 58.3 59.2 | 59.9 60.8 | 61.2 62.2 | 61.5 62.5 | 61.7 62.7 | 61.7 62.7 | 61.7 62.8 | 61.7 62.8 | 61.8 62.8 | 61.8 62.8 | 61.8 62.8 | 61.9 62.9 | 61.9 62.9 | 61.9 62.9 | 61.9 62.9 |
| IV 8000 IV 7000 | 46.4 47.1 | 62.0 63.6 | 63.8 65.5 | 65.2 67.1 | 65.6 67.5 | 65.8 67.8 | 65.8 67.8 | 65.9 67.9 | 65.9 67.9 | 65.9 67.9 | 65.9 67.9 | 65.9 67.9 | 66.0 68.0 | 66.0 68.0 | 66.0 68.0 | 66.0 68.1 |
| IV 6000 IV 5000 | 48.0 48.6 | 65.2 66.5 | 67.2 68.7 | 68.9 70.4 | 69.5 71.0 | 69.7 71.2 | 69.7 71.3 | 69.8 71.3 | 69.8 71.3 | 69.8 71.3 | 69.8 71.3 | 69.8 71.3 | 69.9 71.5 | 69.9 71.5 | 70.0 71.5 | 70.0 71.5 |
| IV 4500 IV 4000 | 48.8 49.5 | 67.0 68.9 | 69.2 71.2 | 71.0 73.1 | 71.6 73.9 | 71.9 74.1 | 71.9 74.2 | 72.0 74.2 | 72.0 74.2 | 72.0 74.3 | 72.0 74.3 | 72.0 74.3 | 72.1 74.4 | 72.1 74.4 | 72.1 74.4 | 72.2 74.4 |
| IV 3500 IV 3000 | 48.9 50.3 | 69.6 71.5 | 72.1 74.1 | 74.0 76.1 | 74.8 76.9 | 75.1 77.3 | 75.2 77.4 | 75.2 77.4 | 75.2 77.4 | 75.2 77.5 | 75.2 77.5 | 75.2 77.5 | 75.3 77.6 | 75.3 77.6 | 75.4 77.6 | 75.4 77.7 |
| IV 2500 IV 2000 | 51.5 52.2 | 73.1 75.6 | 76.0 78.8 | 78.2 81.3 | 79.1 82.4 | 79.5 82.8 | 79.6 83.0 | 79.6 83.1 | 79.6 83.1 | 79.7 83.2 | 79.7 83.2 | 79.7 83.2 | 79.8 83.3 | 79.8 83.3 | 79.8 83.3 | 79.9 83.3 |
| IV 1800 IV 1500 | 52.4 52.8 | 76.1 77.2 | 79.4 80.8 | 81.9 83.5 | 83.0 84.8 | 83.4 85.2 | 83.7 85.5 | 83.8 85.6 | 83.8 85.6 | 83.9 85.6 | 83.9 85.6 | 83.9 85.6 | 84.0 85.7 | 84.0 85.7 | 84.0 85.8 | 84.0 85.9 |
| IV 1200 IV 1000 | 53.0 53.4 | 78.4 79.5 | 82.3 83.7 | 85.3 86.8 | 86.7 88.4 | 87.1 88.8 | 87.5 89.3 | 87.6 89.4 | 87.6 89.4 | 87.7 89.5 | 87.7 89.5 | 87.7 89.5 | 87.8 89.6 | 87.8 89.6 | 87.9 89.7 | 87.9 89.7 |
| IV 900 IV 800 | 53.7 53.9 | 80.2 80.7 | 84.5 85.1 | 87.8 88.4 | 89.5 90.4 | 89.9 91.0 | 90.4 91.7 | 90.5 92.0 | 90.5 92.0 | 90.6 92.3 | 90.6 92.3 | 90.6 92.3 | 90.7 92.4 | 90.7 92.4 | 90.8 92.5 | 90.8 92.5 |
| IV 700 IV 600 | 54.0 54.0 | 80.9 80.9 | 85.4 85.5 | 88.7 89.0 | 91.0 91.3 | 91.7 92.0 | 92.6 93.1 | 92.9 93.3 | 92.9 93.4 | 93.2 93.8 | 93.2 93.8 | 93.2 93.8 | 93.3 94.0 | 93.3 94.0 | 93.5 94.1 | 93.5 94.1 |
| IV 500 IV 400 | 54.0 54.0 | 81.2 81.3 | 85.9 86.0 | 89.6 89.7 | 92.1 92.4 | 92.8 93.2 | 94.0 94.7 | 94.5 95.2 | 94.5 95.3 | 95.1 96.1 | 95.3 96.3 | 95.3 96.3 | 95.5 96.5 | 95.5 96.6 | 95.6 96.7 | 95.6 96.7 |
| IV 300 IV 200 | 54.0 54.0 | 81.3 81.3 | 86.0 86.0 | 89.7 89.7 | 92.5 92.6 | 93.4 93.4 | 95.2 95.3 | 95.9 96.1 | 96.0 96.2 | 97.1 97.4 | 97.4 97.8 | 97.5 97.9 | 97.7 98.3 | 97.8 98.4 | 98.0 98.8 | 98.2 99.0 |
| IV 100 IV 0 | 54.0 54.0 | 81.3 81.3 | 86.0 86.0 | 89.7 89.7 | 92.6 92.6 | 93.4 93.4 | 95.3 95.3 | 96.1 96.1 | 96.2 96.2 | 97.4 97.4 | 97.9 97.9 | 97.9 97.9 | 98.4 98.4 | 98.5 98.5 | 99.1 99.1 | 99.4 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2750

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.4 | 45.9 | 47.8 | 48.6 | 49.0 | 49.2 | 49.2 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 |
| ≥ 20000 | 35.3 | 51.0 | 53.0 | 54.0 | 54.5 | 54.7 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 |
| IV 18000 | 35.4 | 51.0 | 53.0 | 54.1 | 54.6 | 54.8 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.2 |
| IV 16000 | 35.5 | 51.2 | 53.2 | 54.2 | 54.8 | 55.0 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 |
| IV 14000 | 35.8 | 52.1 | 54.2 | 55.3 | 55.9 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 |
| IV 12000 | 36.7 | 53.5 | 55.7 | 56.8 | 57.4 | 57.6 | 57.7 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 |
| IV 10000 | 38.0 | 56.2 | 58.7 | 59.8 | 60.5 | 60.7 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 |
| IV 9000 | 38.4 | 56.7 | 59.2 | 60.3 | 61.0 | 61.3 | 61.3 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 |
| IV 8000 | 39.8 | 59.2 | 62.0 | 63.2 | 64.0 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.6 |
| IV 7000 | 40.8 | 61.2 | 64.1 | 65.3 | 66.2 | 66.5 | 66.5 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 |
| IV 6000 | 41.6 | 62.8 | 65.7 | 67.0 | 68.0 | 68.3 | 68.4 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 |
| IV 5000 | 42.2 | 64.6 | 67.8 | 69.3 | 70.4 | 70.7 | 70.7 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 |
| IV 4500 | 42.4 | 65.6 | 68.8 | 70.3 | 71.4 | 71.7 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.1 |
| IV 4000 | 43.0 | 67.3 | 70.7 | 72.3 | 73.4 | 73.8 | 73.8 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 |
| IV 3500 | 43.4 | 68.3 | 71.9 | 73.5 | 74.7 | 75.0 | 75.1 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | 75.5 |
| IV 3000 | 44.0 | 70.1 | 73.9 | 75.8 | 77.0 | 77.3 | 77.4 | 77.5 | 77.5 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.9 |
| IV 2500 | 44.3 | 71.7 | 75.6 | 77.7 | 79.1 | 79.4 | 79.6 | 79.7 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 |
| IV 2000 | 44.6 | 73.2 | 77.4 | 79.9 | 81.5 | 81.9 | 82.0 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 |
| IV 1800 | 44.6 | 73.6 | 78.0 | 80.6 | 82.4 | 82.7 | 83.0 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 |
| IV 1500 | 44.8 | 74.5 | 79.3 | 82.2 | 84.1 | 84.4 | 84.8 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.3 |
| IV 1200 | 45.1 | 75.4 | 80.4 | 83.6 | 85.7 | 86.1 | 86.5 | 86.6 | 86.6 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 |
| IV 1000 | 45.3 | 76.2 | 81.3 | 84.8 | 87.1 | 87.5 | 88.1 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.6 |
| IV 900 | 45.6 | 76.8 | 82.0 | 85.6 | 88.0 | 88.4 | 89.0 | 89.2 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 |
| IV 800 | 45.7 | 77.4 | 82.7 | 86.3 | 88.8 | 89.2 | 90.1 | 90.2 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 |
| IV 700 | 45.8 | 77.5 | 82.8 | 86.5 | 89.3 | 89.7 | 90.6 | 90.8 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 |
| IV 600 | 45.8 | 77.7 | 83.0 | 86.8 | 89.7 | 90.1 | 91.1 | 91.3 | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 92.0 |
| IV 500 | 45.8 | 78.1 | 83.5 | 87.5 | 90.5 | 90.9 | 92.0 | 92.2 | 92.3 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.3 |
| IV 400 | 45.8 | 78.3 | 83.9 | 87.9 | 91.1 | 91.6 | 92.9 | 93.5 | 93.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 |
| IV 300 | 45.8 | 78.3 | 83.9 | 87.9 | 91.3 | 91.8 | 93.4 | 94.0 | 94.1 | 95.3 | 95.5 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 |
| IV 200 | 45.9 | 78.5 | 84.2 | 88.1 | 91.7 | 92.2 | 93.9 | 94.7 | 94.7 | 96.2 | 96.5 | 96.6 | 97.2 | 97.3 | 97.5 | 97.7 |
| IV 100 | 45.9 | 78.5 | 84.2 | 88.1 | 91.7 | 92.2 | 93.9 | 94.7 | 94.8 | 96.2 | 96.7 | 96.8 | 97.3 | 97.4 | 98.0 | 98.8 |
| IV 0 | 45.9 | 78.5 | 84.2 | 88.1 | 91.7 | 92.2 | 93.9 | 94.7 | 94.8 | 96.2 | 96.7 | 96.8 | 97.3 | 97.4 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 2734

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILDXI
STATION NAME

43-74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 29.9 | 48.1 | 49.4 | 50.9 | 51.6 | 51.8 | 52.0 | 52.1 | 52.1 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.5 |
| ≥ 20000 | 31.9 | 51.5 | 53.0 | 54.8 | 55.6 | 55.7 | 56.0 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.4 | 56.4 | 56.5 | 56.5 |
| IV 18000 | 32.0 | 51.8 | 53.3 | 55.0 | 55.8 | 56.0 | 56.2 | 56.3 | 56.3 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.7 | 56.7 |
| IV 16000 | 32.1 | 51.9 | 53.4 | 55.1 | 55.9 | 56.1 | 56.3 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.9 |
| IV 14000 | 32.5 | 52.5 | 54.0 | 55.8 | 56.6 | 56.7 | 57.0 | 57.1 | 57.1 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 |
| IV 12000 | 33.2 | 53.5 | 55.1 | 57.0 | 57.8 | 58.0 | 58.2 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 | 58.7 | 58.7 |
| IV 10000 | 34.3 | 55.3 | 57.1 | 59.0 | 59.9 | 60.0 | 60.3 | 60.4 | 60.4 | 60.6 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.8 |
| IV 9000 | 34.6 | 55.7 | 57.5 | 59.4 | 60.3 | 60.5 | 60.7 | 60.8 | 60.8 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.3 |
| IV 8000 | 36.2 | 58.3 | 60.1 | 62.1 | 63.1 | 63.2 | 63.5 | 63.6 | 63.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.2 |
| IV 7000 | 36.7 | 59.7 | 61.6 | 63.7 | 64.7 | 64.8 | 65.2 | 65.3 | 65.4 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 |
| IV 6000 | 37.2 | 61.1 | 63.1 | 65.2 | 66.3 | 66.4 | 66.8 | 66.9 | 67.0 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.4 | 67.4 |
| IV 5000 | 37.9 | 62.8 | 65.0 | 67.2 | 68.3 | 68.4 | 68.8 | 68.9 | 69.0 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.5 |
| IV 4500 | 38.0 | 63.4 | 65.7 | 68.0 | 69.1 | 69.2 | 69.6 | 69.7 | 69.8 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.3 |
| IV 4000 | 38.4 | 64.8 | 67.2 | 69.6 | 70.8 | 70.9 | 71.3 | 71.4 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.1 |
| IV 3500 | 38.5 | 65.8 | 68.2 | 70.8 | 72.0 | 72.1 | 72.5 | 72.6 | 72.7 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 | 73.3 |
| IV 3000 | 38.9 | 66.9 | 69.4 | 72.1 | 73.3 | 73.5 | 73.8 | 73.9 | 74.0 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.6 | 74.6 |
| IV 2500 | 39.3 | 68.3 | 70.9 | 73.6 | 75.0 | 75.2 | 75.5 | 75.7 | 75.7 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 |
| IV 2000 | 40.1 | 70.3 | 73.2 | 76.0 | 77.5 | 77.7 | 78.1 | 78.2 | 78.3 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 |
| IV 1800 | 40.3 | 70.7 | 73.6 | 76.5 | 78.0 | 78.2 | 78.7 | 78.8 | 78.9 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.6 |
| IV 1500 | 40.6 | 71.8 | 74.8 | 77.9 | 79.6 | 79.8 | 80.4 | 80.5 | 80.6 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 |
| IV 1200 | 40.9 | 72.9 | 76.4 | 79.7 | 81.6 | 81.9 | 82.6 | 82.8 | 82.8 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.5 | 83.5 |
| IV 1000 | 40.9 | 73.9 | 77.5 | 81.1 | 83.0 | 83.3 | 84.2 | 84.4 | 84.5 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 |
| IV 900 | 41.1 | 74.5 | 78.2 | 81.8 | 83.8 | 84.1 | 84.9 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 86.0 |
| IV 800 | 41.5 | 75.3 | 79.0 | 82.8 | 84.8 | 85.1 | 86.0 | 86.2 | 86.3 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 |
| IV 700 | 41.5 | 75.7 | 79.5 | 83.5 | 85.5 | 86.0 | 86.9 | 87.2 | 87.2 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 88.0 |
| IV 600 | 41.5 | 76.3 | 80.0 | 84.1 | 86.2 | 86.8 | 87.7 | 88.1 | 88.2 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 89.0 |
| IV 500 | 41.5 | 76.5 | 80.7 | 85.0 | 87.5 | 88.1 | 89.1 | 89.6 | 89.7 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.5 |
| IV 400 | 41.5 | 76.9 | 81.3 | 85.8 | 88.6 | 89.2 | 90.3 | 90.8 | 90.9 | 91.5 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 |
| IV 300 | 41.5 | 77.1 | 81.6 | 86.2 | 89.3 | 89.9 | 91.3 | 91.9 | 92.0 | 92.9 | 93.1 | 93.1 | 93.3 | 93.3 | 93.4 | 93.5 |
| IV 200 | 41.5 | 77.1 | 81.7 | 86.3 | 89.5 | 90.2 | 91.8 | 92.5 | 92.6 | 93.7 | 94.0 | 94.1 | 94.5 | 94.6 | 94.9 | 95.1 |
| IV 100 | 41.5 | 77.1 | 81.7 | 86.3 | 89.6 | 90.2 | 91.9 | 92.6 | 92.7 | 93.9 | 94.3 | 94.5 | 95.3 | 95.5 | 96.7 | 97.6 |
| IV 0 | 41.5 | 77.1 | 81.7 | 86.4 | 89.6 | 90.3 | 92.0 | 92.7 | 92.7 | 94.0 | 94.4 | 94.5 | 95.3 | 95.5 | 96.9 | 100.0 |

TOTAL NUMBER OF OBSERV' IS 2494

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-65
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 28.9 | 43.9 | 46.0 | 47.0 | 47.9 | 48.1 | 48.4 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 48.8 | 48.9 | 48.9 | 49.0 |
| IV 20000 | 31.5 | 48.0 | 50.3 | 51.3 | 52.2 | 52.5 | 52.8 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.2 | 53.2 | 53.3 | 53.4 |
| IV 18000 | 31.5 | 48.0 | 50.3 | 51.4 | 52.3 | 52.5 | 52.9 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 |
| IV 16000 | 31.5 | 48.1 | 50.3 | 51.5 | 52.4 | 52.6 | 53.0 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 |
| IV 14000 | 32.3 | 49.3 | 51.6 | 52.7 | 53.7 | 53.9 | 54.2 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.6 | 54.7 | 54.7 | 54.8 |
| IV 12000 | 33.1 | 51.2 | 53.5 | 54.7 | 55.6 | 55.8 | 56.1 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.6 | 56.6 | 56.7 | 56.8 |
| IV 10000 | 33.8 | 52.5 | 54.8 | 56.1 | 57.0 | 57.2 | 57.6 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 58.0 | 58.1 | 58.2 | 58.3 |
| IV 9000 | 34.2 | 53.0 | 55.3 | 56.5 | 57.5 | 57.7 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.5 | 58.5 | 58.6 | 58.7 |
| IV 8000 | 34.6 | 54.3 | 56.8 | 58.0 | 58.9 | 59.1 | 59.6 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 60.0 | 60.0 | 60.1 | 60.2 |
| IV 7000 | 35.0 | 55.4 | 57.8 | 59.0 | 60.0 | 60.2 | 60.6 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.2 | 61.3 |
| IV 6000 | 35.3 | 56.0 | 58.4 | 59.7 | 60.6 | 60.8 | 61.2 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.7 | 61.7 | 61.8 | 61.9 |
| IV 5000 | 35.8 | 57.0 | 59.5 | 61.0 | 62.0 | 62.2 | 62.6 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 63.1 | 63.1 | 63.2 | 63.3 |
| IV 4500 | 36.0 | 57.4 | 60.0 | 61.6 | 62.6 | 62.8 | 63.2 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.6 | 63.7 | 63.8 | 63.9 |
| IV 4000 | 36.3 | 58.5 | 61.4 | 62.9 | 63.9 | 64.1 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 | 65.1 | 65.2 |
| IV 3500 | 36.5 | 59.0 | 62.0 | 63.6 | 64.7 | 65.0 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.9 | 65.9 | 66.0 | 66.1 |
| IV 3000 | 36.7 | 60.2 | 63.3 | 64.9 | 66.1 | 66.3 | 66.8 | 66.9 | 66.9 | 67.0 | 67.1 | 67.1 | 67.3 | 67.3 | 67.4 | 67.5 |
| IV 2500 | 37.1 | 61.7 | 64.9 | 66.8 | 68.0 | 68.2 | 68.7 | 68.8 | 68.8 | 68.9 | 69.0 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 |
| IV 2000 | 37.6 | 62.9 | 66.8 | 68.7 | 69.9 | 70.2 | 70.6 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 71.1 | 71.2 | 71.2 | 71.3 |
| IV 1800 | 37.8 | 63.3 | 67.2 | 69.2 | 70.5 | 70.7 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.6 | 71.7 | 71.8 | 71.9 |
| IV 1500 | 38.2 | 64.4 | 68.5 | 70.8 | 72.4 | 72.6 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.6 | 73.7 | 73.8 | 73.9 |
| IV 1200 | 38.8 | 65.9 | 70.1 | 72.6 | 74.3 | 74.6 | 75.2 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.8 | 75.8 | 75.9 | 76.0 |
| IV 1000 | 39.0 | 66.7 | 71.1 | 74.0 | 75.8 | 76.1 | 76.9 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.6 | 77.7 | 77.7 | 77.8 |
| IV 900 | 39.1 | 67.2 | 71.7 | 74.6 | 76.6 | 76.8 | 77.7 | 77.8 | 77.8 | 78.0 | 78.1 | 78.1 | 78.4 | 78.5 | 78.6 | 78.7 |
| IV 800 | 39.3 | 68.3 | 72.9 | 75.9 | 78.2 | 78.4 | 79.3 | 79.5 | 79.5 | 79.8 | 79.8 | 79.8 | 80.2 | 80.2 | 80.3 | 80.4 |
| IV 700 | 39.4 | 69.2 | 74.0 | 77.1 | 79.5 | 79.8 | 80.7 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.6 | 81.6 | 81.8 | 81.9 |
| IV 600 | 39.4 | 70.3 | 75.3 | 78.7 | 81.3 | 81.5 | 82.6 | 82.8 | 82.8 | 83.1 | 83.1 | 83.1 | 83.5 | 83.5 | 83.7 | 83.8 |
| IV 500 | 39.5 | 70.7 | 76.0 | 79.7 | 82.3 | 82.5 | 83.9 | 84.2 | 84.2 | 84.5 | 84.5 | 84.5 | 84.9 | 84.9 | 85.1 | 85.2 |
| IV 400 | 39.5 | 71.2 | 76.7 | 80.6 | 83.5 | 83.8 | 85.7 | 86.0 | 86.0 | 86.5 | 86.6 | 86.6 | 87.0 | 87.0 | 87.1 | 87.2 |
| IV 300 | 39.6 | 71.3 | 77.2 | 81.3 | 84.8 | 85.1 | 87.3 | 87.8 | 87.8 | 88.5 | 88.5 | 88.5 | 89.3 | 89.3 | 89.6 | 89.8 |
| IV 200 | 39.6 | 71.5 | 77.5 | 81.7 | 85.5 | 85.8 | 88.4 | 89.1 | 89.1 | 90.3 | 90.8 | 90.8 | 91.7 | 92.0 | 92.4 | 93.0 |
| IV 100 | 39.6 | 71.5 | 77.6 | 81.7 | 85.6 | 85.9 | 88.5 | 89.3 | 89.3 | 90.7 | 91.4 | 91.4 | 93.1 | 93.5 | 95.0 | 96.7 |
| IV 0 | 39.6 | 71.5 | 77.6 | 81.7 | 85.6 | 85.9 | 88.5 | 89.3 | 89.3 | 90.7 | 91.4 | 91.4 | 93.3 | 93.8 | 95.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2139

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILDXI
STATION NAME

43-65,69-72
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.3 | 43.5 | 45.3 | 46.3 | 47.2 | 47.2 | 47.7 | 47.7 | 47.7 | 47.8 | 47.8 | 47.9 | 48.1 | 48.2 | 48.3 | 48.6 |
| IV 20000 | 29.0 | 46.1 | 48.2 | 49.2 | 50.1 | 50.2 | 50.7 | 50.7 | 50.7 | 50.8 | 50.9 | 50.9 | 51.2 | 51.3 | 51.4 | 51.7 |
| IV 18000 | 29.0 | 46.2 | 48.2 | 49.2 | 50.2 | 50.2 | 50.7 | 50.7 | 50.7 | 50.8 | 50.9 | 51.0 | 51.3 | 51.4 | 51.4 | 51.7 |
| IV 16000 | 29.0 | 46.2 | 48.3 | 49.3 | 50.2 | 50.3 | 50.8 | 50.8 | 50.8 | 50.9 | 51.0 | 51.0 | 51.3 | 51.4 | 51.4 | 51.7 |
| IV 14000 | 29.8 | 47.4 | 49.4 | 50.6 | 51.5 | 51.5 | 52.0 | 52.0 | 52.0 | 52.2 | 52.2 | 52.3 | 52.6 | 52.7 | 52.7 | 53.0 |
| IV 12000 | 30.3 | 48.6 | 50.7 | 51.8 | 52.7 | 52.8 | 53.3 | 53.3 | 53.3 | 53.4 | 53.5 | 53.5 | 53.8 | 53.9 | 53.9 | 54.2 |
| IV 10000 | 30.9 | 49.7 | 51.9 | 53.0 | 54.0 | 54.0 | 54.6 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 55.2 | 55.2 | 55.3 | 55.6 |
| IV 9000 | 31.3 | 50.5 | 52.8 | 54.0 | 55.0 | 55.0 | 55.6 | 55.6 | 55.6 | 55.7 | 55.8 | 55.8 | 56.2 | 56.3 | 56.3 | 56.6 |
| IV 8000 | 31.8 | 52.0 | 54.4 | 55.6 | 56.6 | 56.7 | 57.2 | 57.2 | 57.3 | 57.4 | 57.5 | 57.5 | 57.9 | 58.0 | 58.0 | 58.3 |
| IV 7000 | 32.2 | 52.8 | 55.2 | 56.5 | 57.5 | 57.6 | 58.1 | 58.1 | 58.2 | 58.4 | 58.5 | 58.5 | 58.8 | 58.9 | 59.0 | 59.3 |
| IV 6000 | 32.8 | 54.1 | 56.6 | 57.9 | 58.9 | 59.0 | 59.6 | 59.6 | 59.7 | 59.8 | 59.9 | 59.9 | 60.3 | 60.4 | 60.4 | 60.7 |
| IV 5000 | 33.4 | 55.4 | 57.9 | 59.3 | 60.4 | 60.4 | 61.0 | 61.0 | 61.1 | 61.3 | 61.3 | 61.4 | 61.7 | 61.8 | 61.9 | 62.2 |
| IV 4500 | 33.7 | 55.9 | 58.5 | 59.9 | 61.0 | 61.0 | 61.6 | 61.6 | 61.7 | 61.9 | 62.0 | 62.1 | 62.4 | 62.5 | 62.5 | 62.8 |
| IV 4000 | 34.1 | 56.7 | 59.4 | 60.9 | 62.0 | 62.0 | 62.6 | 62.6 | 62.7 | 62.9 | 63.0 | 63.0 | 63.4 | 63.5 | 63.5 | 63.8 |
| IV 3500 | 34.3 | 57.5 | 60.2 | 61.7 | 62.8 | 62.9 | 63.5 | 63.5 | 63.5 | 63.8 | 63.8 | 63.9 | 64.2 | 64.3 | 64.4 | 64.6 |
| IV 3000 | 34.7 | 58.8 | 61.7 | 63.3 | 64.4 | 64.4 | 65.0 | 65.0 | 65.1 | 65.3 | 65.4 | 65.5 | 65.8 | 65.9 | 65.9 | 66.2 |
| IV 2500 | 35.0 | 60.1 | 63.1 | 64.7 | 66.0 | 66.1 | 66.7 | 66.7 | 66.8 | 67.0 | 67.1 | 67.1 | 67.5 | 67.6 | 67.6 | 67.9 |
| IV 2000 | 35.4 | 61.6 | 64.8 | 66.5 | 67.8 | 67.9 | 68.5 | 68.6 | 68.7 | 68.9 | 69.0 | 69.1 | 69.4 | 69.5 | 69.5 | 69.8 |
| IV 1800 | 35.5 | 61.9 | 65.3 | 66.9 | 68.3 | 68.3 | 69.0 | 69.1 | 69.1 | 69.4 | 69.5 | 69.5 | 69.9 | 69.9 | 70.0 | 70.3 |
| IV 1500 | 35.9 | 63.1 | 66.9 | 68.5 | 70.1 | 70.1 | 70.9 | 70.9 | 71.0 | 71.3 | 71.4 | 71.4 | 71.8 | 71.8 | 71.9 | 72.2 |
| IV 1200 | 36.5 | 64.6 | 68.5 | 70.6 | 72.3 | 72.4 | 73.2 | 73.3 | 73.4 | 73.7 | 73.8 | 73.8 | 74.2 | 74.3 | 74.3 | 74.6 |
| IV 1000 | 36.7 | 65.5 | 69.5 | 71.6 | 73.5 | 73.5 | 74.6 | 74.6 | 74.7 | 75.2 | 75.3 | 75.4 | 75.8 | 75.9 | 76.0 | 76.2 |
| IV 900 | 36.8 | 65.9 | 70.1 | 72.3 | 74.4 | 74.5 | 75.6 | 75.7 | 75.7 | 76.3 | 76.4 | 76.4 | 76.9 | 77.0 | 77.0 | 77.3 |
| IV 800 | 36.9 | 66.8 | 71.2 | 73.5 | 75.9 | 76.0 | 77.2 | 77.3 | 77.4 | 78.0 | 78.1 | 78.2 | 78.6 | 78.7 | 78.7 | 79.0 |
| IV 700 | 37.1 | 67.6 | 72.2 | 74.8 | 77.5 | 77.5 | 79.0 | 79.1 | 79.2 | 79.8 | 79.9 | 80.0 | 80.5 | 80.6 | 80.6 | 80.9 |
| IV 600 | 37.1 | 68.2 | 73.1 | 76.0 | 78.8 | 78.9 | 80.6 | 80.7 | 80.8 | 81.4 | 81.6 | 81.6 | 82.2 | 82.3 | 82.3 | 82.6 |
| IV 500 | 37.2 | 68.8 | 74.0 | 77.2 | 80.2 | 80.3 | 82.0 | 82.2 | 82.3 | 83.0 | 83.2 | 83.3 | 83.9 | 84.0 | 84.0 | 84.3 |
| IV 400 | 37.2 | 69.4 | 74.6 | 78.5 | 81.7 | 81.8 | 83.7 | 84.0 | 84.1 | 84.9 | 85.1 | 85.2 | 85.8 | 85.9 | 85.9 | 86.2 |
| IV 300 | 37.2 | 69.5 | 74.9 | 78.8 | 82.4 | 82.6 | 84.9 | 85.4 | 85.6 | 87.2 | 87.6 | 87.6 | 88.3 | 88.6 | 88.9 | 89.2 |
| IV 200 | 37.2 | 69.6 | 75.1 | 79.1 | 82.7 | 82.9 | 85.5 | 86.1 | 86.3 | 88.1 | 88.7 | 88.8 | 89.9 | 90.4 | 91.1 | 91.8 |
| IV 100 | 37.2 | 69.6 | 75.1 | 79.1 | 82.9 | 83.0 | 85.8 | 86.4 | 86.6 | 88.6 | 89.4 | 89.5 | 91.2 | 91.8 | 93.2 | 95.6 |
| IV 0 | 37.2 | 69.6 | 75.1 | 79.1 | 82.9 | 83.0 | 85.8 | 86.4 | 86.6 | 88.6 | 89.4 | 89.5 | 91.5 | 92.1 | 93.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2362

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-73
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 25.7 | 36.4 | 38.0 | 39.1 | 39.7 | 39.8 | 40.0 | 40.1 | 40.1 | 40.4 | 40.6 | 40.6 | 40.8 | 40.8 | 41.0 | 41.3 |
| ≥ 20000 | 28.7 | 41.1 | 43.2 | 44.4 | 45.2 | 45.3 | 45.6 | 45.7 | 45.8 | 46.1 | 46.3 | 46.3 | 46.5 | 46.5 | 46.7 | 47.1 |
| IV 18000 | 28.8 | 41.3 | 43.4 | 44.7 | 45.4 | 45.5 | 45.8 | 46.0 | 46.0 | 46.4 | 46.6 | 46.6 | 46.8 | 46.8 | 47.0 | 47.3 |
| IV 16000 | 28.8 | 41.4 | 43.5 | 44.8 | 45.6 | 45.7 | 46.0 | 46.1 | 46.2 | 46.5 | 46.7 | 46.7 | 46.9 | 46.9 | 47.1 | 47.5 |
| IV 14000 | 29.2 | 42.1 | 44.3 | 45.7 | 46.5 | 46.6 | 47.0 | 47.1 | 47.1 | 47.5 | 47.7 | 47.7 | 47.9 | 47.9 | 48.1 | 48.5 |
| IV 12000 | 30.3 | 43.9 | 46.2 | 47.7 | 48.6 | 48.7 | 49.1 | 49.3 | 49.3 | 49.7 | 49.9 | 49.9 | 50.1 | 50.1 | 50.3 | 50.7 |
| IV 10000 | 31.8 | 46.0 | 48.4 | 50.0 | 51.0 | 51.1 | 51.5 | 51.7 | 51.7 | 52.1 | 52.3 | 52.3 | 52.5 | 52.5 | 52.7 | 53.0 |
| IV 9000 | 32.3 | 46.6 | 49.0 | 50.6 | 51.6 | 51.7 | 52.2 | 52.4 | 52.4 | 52.9 | 53.1 | 53.1 | 53.3 | 53.3 | 53.5 | 53.8 |
| IV 8000 | 33.1 | 48.1 | 50.7 | 52.4 | 53.5 | 53.6 | 54.1 | 54.3 | 54.4 | 54.8 | 55.0 | 55.0 | 55.2 | 55.2 | 55.4 | 55.8 |
| IV 7000 | 33.7 | 49.0 | 51.7 | 53.6 | 54.6 | 54.8 | 55.3 | 55.5 | 55.6 | 56.0 | 56.2 | 56.2 | 56.5 | 56.5 | 56.7 | 57.1 |
| IV 6000 | 34.3 | 50.2 | 53.1 | 54.9 | 56.0 | 56.2 | 56.7 | 57.0 | 57.1 | 57.5 | 57.7 | 57.7 | 58.0 | 58.0 | 58.2 | 58.6 |
| IV 5000 | 35.0 | 51.7 | 54.6 | 56.5 | 57.7 | 57.8 | 58.4 | 58.7 | 58.8 | 59.2 | 59.5 | 59.5 | 59.8 | 59.8 | 60.1 | 60.4 |
| IV 4500 | 35.4 | 52.3 | 55.4 | 57.4 | 58.5 | 58.7 | 59.3 | 59.6 | 59.7 | 60.1 | 60.4 | 60.4 | 60.7 | 60.7 | 61.0 | 61.3 |
| IV 4000 | 36.2 | 53.9 | 57.0 | 59.2 | 60.4 | 60.6 | 61.3 | 61.6 | 61.7 | 62.2 | 62.5 | 62.5 | 62.8 | 62.9 | 63.1 | 63.5 |
| IV 3500 | 36.6 | 54.6 | 57.8 | 60.0 | 61.2 | 61.4 | 62.1 | 62.4 | 62.5 | 63.1 | 63.4 | 63.4 | 63.7 | 63.8 | 64.0 | 64.4 |
| IV 3000 | 37.0 | 55.8 | 59.3 | 61.7 | 63.0 | 63.2 | 64.1 | 64.4 | 64.5 | 65.1 | 65.4 | 65.4 | 65.7 | 65.7 | 66.0 | 66.3 |
| IV 2500 | 37.5 | 57.5 | 61.2 | 63.7 | 65.1 | 65.4 | 66.3 | 66.6 | 66.7 | 67.4 | 67.7 | 67.7 | 68.0 | 68.0 | 68.3 | 68.7 |
| IV 2000 | 37.9 | 59.6 | 63.5 | 66.1 | 67.6 | 67.9 | 69.0 | 69.4 | 69.5 | 70.2 | 70.5 | 70.5 | 70.8 | 70.9 | 71.1 | 71.5 |
| IV 1800 | 38.1 | 59.9 | 63.9 | 66.5 | 68.1 | 68.4 | 69.5 | 69.9 | 70.0 | 70.7 | 71.0 | 71.0 | 71.3 | 71.4 | 71.6 | 72.0 |
| IV 1500 | 38.4 | 60.9 | 65.1 | 67.9 | 69.5 | 69.8 | 70.9 | 71.3 | 71.4 | 72.2 | 72.5 | 72.5 | 72.8 | 72.9 | 73.1 | 73.5 |
| IV 1200 | 38.9 | 61.9 | 66.2 | 69.3 | 71.1 | 71.4 | 72.6 | 73.0 | 73.1 | 73.9 | 74.2 | 74.3 | 74.6 | 74.6 | 74.8 | 75.2 |
| IV 1000 | 39.1 | 62.7 | 67.1 | 70.5 | 72.5 | 72.8 | 74.1 | 74.7 | 74.8 | 75.6 | 76.0 | 76.0 | 76.3 | 76.4 | 76.6 | 77.0 |
| IV 900 | 39.2 | 63.4 | 67.9 | 71.3 | 73.4 | 73.7 | 75.2 | 75.7 | 75.8 | 76.7 | 77.1 | 77.1 | 77.5 | 77.6 | 77.8 | 78.2 |
| IV 800 | 39.4 | 64.1 | 68.8 | 72.2 | 74.6 | 75.0 | 76.6 | 77.1 | 77.2 | 78.2 | 78.5 | 78.6 | 79.0 | 79.0 | 79.2 | 79.6 |
| IV 700 | 39.5 | 64.7 | 69.6 | 73.1 | 75.8 | 76.2 | 77.9 | 78.5 | 78.6 | 79.6 | 79.9 | 79.9 | 80.3 | 80.4 | 80.6 | 81.0 |
| IV 600 | 39.7 | 65.4 | 70.4 | 74.1 | 77.0 | 77.7 | 79.6 | 80.1 | 80.2 | 81.2 | 81.6 | 81.6 | 82.1 | 82.1 | 82.4 | 82.8 |
| IV 500 | 39.9 | 66.6 | 71.8 | 75.7 | 79.2 | 79.9 | 82.0 | 82.8 | 82.9 | 83.9 | 84.3 | 84.3 | 84.8 | 84.8 | 85.1 | 85.5 |
| IV 400 | 39.9 | 67.2 | 72.4 | 76.6 | 80.4 | 81.2 | 83.6 | 84.8 | 84.9 | 86.0 | 86.4 | 86.5 | 87.1 | 87.2 | 87.5 | 88.0 |
| IV 300 | 39.9 | 67.4 | 72.6 | 76.9 | 80.8 | 81.6 | 84.3 | 85.9 | 86.0 | 87.7 | 88.7 | 88.8 | 89.6 | 90.0 | 90.6 | 91.5 |
| IV 200 | 39.9 | 67.4 | 72.7 | 77.0 | 81.0 | 81.9 | 84.8 | 86.7 | 86.9 | 88.9 | 90.1 | 90.3 | 91.4 | 92.0 | 92.9 | 94.6 |
| IV 100 | 39.9 | 67.4 | 72.7 | 77.0 | 81.0 | 81.9 | 84.8 | 86.8 | 86.9 | 89.0 | 90.3 | 90.6 | 92.0 | 92.7 | 94.1 | 97.9 |
| IV 0 | 39.9 | 67.4 | 72.7 | 77.0 | 81.0 | 81.9 | 84.8 | 86.8 | 86.9 | 89.0 | 90.3 | 90.6 | 92.0 | 92.7 | 94.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2989

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-73
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 33.6 | 41.9 | 42.4 | 42.6 | 42.7 | 42.7 | 42.7 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 |
| IV 20000 | 38.0 | 48.4 | 49.2 | 49.6 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 |
| IV 18000 | 38.1 | 48.5 | 49.3 | 49.7 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 50.0 | 50.0 | 50.0 |
| IV 16000 | 38.2 | 48.8 | 49.6 | 49.9 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3 |
| IV 14000 | 39.2 | 50.4 | 51.2 | 51.6 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 |
| IV 12000 | 40.4 | 52.1 | 53.3 | 53.7 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| IV 10000 | 41.7 | 53.9 | 55.3 | 55.8 | 56.1 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| IV 9000 | 41.9 | 54.2 | 55.7 | 56.2 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 |
| IV 8000 | 42.8 | 56.0 | 57.7 | 58.1 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| IV 7000 | 43.4 | 57.2 | 58.8 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 |
| IV 6000 | 44.1 | 58.3 | 60.1 | 60.7 | 61.2 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 5000 | 44.7 | 59.5 | 61.4 | 62.0 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| IV 4500 | 44.9 | 59.8 | 61.8 | 62.5 | 63.2 | 63.3 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 |
| IV 4000 | 45.6 | 61.3 | 63.6 | 64.4 | 65.3 | 65.4 | 65.7 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| IV 3500 | 46.5 | 62.7 | 65.1 | 65.9 | 66.8 | 66.9 | 67.3 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| IV 3000 | 47.1 | 64.4 | 67.1 | 68.1 | 69.1 | 69.2 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 |
| IV 2500 | 48.0 | 66.7 | 69.6 | 70.7 | 71.7 | 71.8 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 |
| IV 2000 | 48.6 | 68.8 | 71.9 | 73.2 | 74.2 | 74.4 | 74.9 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 |
| IV 1800 | 48.9 | 69.6 | 72.9 | 74.2 | 75.2 | 75.4 | 75.9 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 1500 | 49.7 | 71.7 | 75.3 | 76.7 | 77.8 | 78.1 | 78.7 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| IV 1200 | 50.5 | 73.5 | 77.3 | 78.9 | 80.3 | 80.6 | 81.3 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 1000 | 50.8 | 74.3 | 78.5 | 80.5 | 82.0 | 82.4 | 83.1 | 83.3 | 83.3 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 900 | 50.9 | 74.7 | 79.2 | 81.4 | 83.1 | 83.4 | 84.3 | 84.5 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| IV 800 | 51.3 | 75.5 | 80.1 | 82.5 | 84.5 | 84.9 | 85.8 | 86.0 | 86.0 | 86.2 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 700 | 51.4 | 76.2 | 81.0 | 83.5 | 85.6 | 86.1 | 87.1 | 87.5 | 87.5 | 87.8 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 600 | 51.6 | 76.9 | 81.9 | 84.6 | 87.1 | 87.7 | 89.0 | 89.7 | 89.7 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 500 | 51.6 | 77.5 | 82.6 | 85.5 | 88.5 | 89.2 | 90.9 | 91.7 | 91.7 | 92.2 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 450 | 51.6 | 77.7 | 83.0 | 86.0 | 89.3 | 90.2 | 92.3 | 93.2 | 93.2 | 93.9 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 400 | 51.6 | 77.8 | 83.1 | 86.1 | 89.6 | 90.5 | 92.9 | 94.2 | 94.3 | 95.5 | 95.9 | 96.0 | 96.4 | 96.6 | 96.7 | 96.8 |
| IV 300 | 51.6 | 77.9 | 83.1 | 86.3 | 89.8 | 90.8 | 93.2 | 94.6 | 94.8 | 96.1 | 96.9 | 97.0 | 97.7 | 97.9 | 98.1 | 98.4 |
| IV 200 | 51.6 | 77.9 | 83.1 | 86.3 | 89.9 | 90.8 | 93.3 | 94.6 | 94.8 | 96.1 | 96.9 | 97.0 | 97.9 | 98.3 | 98.9 | 99.5 |
| IV 100 | 51.6 | 77.9 | 83.1 | 86.3 | 89.9 | 90.8 | 93.3 | 94.6 | 94.8 | 96.1 | 96.9 | 97.0 | 97.9 | 98.3 | 98.9 | 99.5 |
| IV 0 | 51.6 | 77.9 | 83.1 | 86.3 | 89.9 | 90.8 | 93.3 | 94.6 | 94.8 | 96.1 | 96.9 | 97.0 | 97.9 | 98.3 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2957

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-73
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 38.2 | 44.9 | 45.1 | 45.3 | 45.5 | 45.5 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| IV 20000 | 44.3 | 53.2 | 53.6 | 54.0 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| IV 18000 | 44.4 | 53.2 | 53.7 | 54.1 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| IV 16000 | 44.8 | 53.6 | 54.1 | 54.5 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 14000 | 45.7 | 54.9 | 55.4 | 55.8 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| IV 12000 | 46.9 | 56.6 | 57.2 | 57.6 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| IV 10000 | 48.2 | 59.0 | 59.7 | 60.2 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| IV 9000 | 48.7 | 59.9 | 60.6 | 61.1 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| IV 8000 | 49.7 | 61.7 | 62.6 | 63.1 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| IV 7000 | 50.5 | 63.4 | 64.5 | 65.1 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| IV 6000 | 51.1 | 64.5 | 65.8 | 66.5 | 66.9 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| IV 5000 | 51.6 | 65.8 | 67.2 | 68.0 | 68.5 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| IV 4500 | 51.7 | 66.1 | 67.7 | 68.5 | 69.0 | 69.0 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 4000 | 52.8 | 68.2 | 70.1 | 70.9 | 71.4 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| IV 3500 | 53.8 | 69.8 | 71.6 | 72.5 | 73.0 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 3000 | 54.5 | 71.5 | 73.7 | 74.6 | 75.2 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| IV 2500 | 55.4 | 73.3 | 75.7 | 76.8 | 77.6 | 77.7 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| IV 2000 | 56.3 | 75.5 | 78.3 | 79.7 | 80.7 | 80.8 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 1800 | 56.7 | 76.4 | 79.4 | 80.8 | 81.9 | 82.0 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| IV 1500 | 56.9 | 77.7 | 81.0 | 82.7 | 84.0 | 84.2 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 1200 | 57.3 | 79.0 | 82.3 | 84.1 | 85.8 | 86.1 | 86.5 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 1000 | 57.6 | 80.1 | 83.5 | 85.6 | 87.4 | 87.7 | 88.4 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| IV 900 | 57.7 | 80.7 | 84.4 | 86.5 | 88.4 | 88.8 | 89.5 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 800 | 57.9 | 81.4 | 85.1 | 87.5 | 89.7 | 90.0 | 90.9 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 |
| IV 700 | 57.9 | 82.0 | 85.8 | 88.3 | 90.5 | 90.9 | 91.8 | 92.2 | 92.2 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| IV 600 | 57.9 | 82.6 | 86.4 | 89.2 | 91.5 | 91.9 | 93.0 | 93.5 | 93.5 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 500 | 58.1 | 83.1 | 87.1 | 89.9 | 92.6 | 93.1 | 94.4 | 95.3 | 95.3 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 400 | 58.1 | 83.1 | 87.2 | 90.1 | 93.0 | 93.5 | 95.0 | 96.0 | 96.1 | 96.6 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 300 | 58.2 | 83.2 | 87.4 | 90.3 | 93.3 | 93.9 | 95.6 | 96.7 | 96.8 | 97.5 | 97.8 | 97.8 | 98.2 | 98.2 | 98.4 | 98.4 |
| IV 200 | 58.2 | 83.2 | 87.4 | 90.4 | 93.4 | 94.0 | 95.9 | 96.9 | 97.1 | 98.0 | 98.3 | 98.3 | 98.8 | 98.9 | 99.2 | 99.5 |
| IV 100 | 58.2 | 83.2 | 87.4 | 90.4 | 93.4 | 94.0 | 95.9 | 97.0 | 97.2 | 98.1 | 98.4 | 98.5 | 99.1 | 99.2 | 99.5 | 99.9 |
| IV 0 | 58.2 | 83.2 | 87.4 | 90.4 | 93.4 | 94.0 | 95.9 | 97.0 | 97.2 | 98.1 | 98.4 | 98.5 | 99.1 | 99.2 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2929

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILJXI
STATION NAME

43-73
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 37.5 42.6 | 45.5 53.2 | 46.0 54.2 | 46.1 54.5 | 46.4 54.8 | 46.4 54.8 | 46.7 55.0 | 46.7 55.0 | 46.7 55.1 | 46.7 55.1 | 46.7 55.1 | 46.7 55.1 | 46.7 55.1 | 46.7 55.1 | 46.7 55.1 | 46.7 55.1 |
| IV 18000 IV 16000 | 42.1 43.0 | 53.3 53.6 | 54.3 54.6 | 54.6 54.9 | 54.5 55.2 | 54.9 55.3 | 55.2 55.5 | 55.2 55.5 | 55.2 55.5 | 55.2 55.5 | 55.2 55.5 | 55.2 55.5 | 55.2 55.5 | 55.2 55.6 | 55.2 55.6 | 55.2 55.6 |
| IV 14000 IV 12000 | 43.5 44.8 | 54.5 56.2 | 55.5 57.3 | 55.8 57.6 | 56.1 57.9 | 56.1 57.9 | 56.3 58.2 | 56.3 58.2 | 56.4 58.2 | 56.4 58.2 | 56.4 58.2 | 56.4 58.2 | 56.4 58.2 | 56.4 58.2 | 56.4 58.2 | 56.4 58.2 |
| IV 10000 IV 9000 | 46.4 46.9 | 59.0 59.8 | 60.1 61.0 | 60.7 61.6 | 61.0 62.0 | 61.1 62.0 | 61.4 62.3 | 61.4 62.3 | 61.4 62.3 | 61.4 62.3 | 61.4 62.3 | 61.4 62.3 | 61.4 62.3 | 61.4 62.4 | 61.4 62.4 | 61.4 62.4 |
| IV 8000 IV 7000 | 48.4 49.1 | 62.1 63.4 | 63.4 64.8 | 64.2 65.8 | 64.6 66.2 | 64.6 66.3 | 65.0 66.7 | 65.0 66.7 | 65.0 66.7 | 65.0 66.7 | 65.0 66.7 | 65.0 66.7 | 65.0 66.7 | 65.0 66.7 | 65.1 66.7 | 65.1 66.7 |
| IV 6000 IV 5000 | 49.8 50.3 | 64.8 65.8 | 66.3 67.6 | 67.3 68.5 | 67.7 69.1 | 67.8 69.1 | 68.2 69.5 | 68.2 69.5 | 68.2 69.5 | 68.2 69.5 | 68.2 69.5 | 68.2 69.5 | 68.2 69.5 | 68.2 69.6 | 68.2 69.6 | 68.2 69.6 |
| IV 4500 IV 4000 | 50.6 51.3 | 66.5 68.0 | 68.2 69.9 | 69.3 70.9 | 69.8 71.5 | 69.8 71.5 | 70.2 71.9 | 70.2 71.9 | 70.2 72.0 | 70.2 72.0 | 70.2 72.0 | 70.2 72.0 | 70.2 72.0 | 70.2 72.0 | 70.3 72.0 | 70.3 72.0 |
| IV 3500 IV 3000 | 52.0 52.7 | 69.2 71.1 | 71.1 73.2 | 72.3 74.5 | 72.8 75.2 | 72.9 75.3 | 73.3 75.7 | 73.3 75.7 | 73.3 75.8 | 73.3 75.8 | 73.3 75.8 | 73.3 75.8 | 73.3 75.8 | 73.4 75.8 | 73.4 75.8 | 73.4 75.8 |
| IV 2500 IV 2000 | 53.6 54.1 | 73.2 75.2 | 75.7 77.9 | 77.2 79.6 | 78.0 80.6 | 78.1 80.6 | 78.7 81.3 | 78.7 81.4 | 78.7 81.4 | 78.7 81.4 | 78.7 81.4 | 78.7 81.4 | 78.7 81.4 | 78.8 81.5 | 78.8 81.5 | 78.8 81.5 |
| IV 1800 IV 1500 | 54.3 54.7 | 75.8 76.9 | 78.5 79.7 | 80.4 81.6 | 81.3 82.9 | 81.4 83.0 | 82.1 83.9 | 82.2 84.0 | 82.3 84.1 | 82.3 84.1 | 82.3 84.1 | 82.3 84.1 | 82.3 84.1 | 82.3 84.2 | 82.3 84.2 | 82.3 84.2 |
| IV 1200 IV 1000 | 55.1 55.3 | 77.9 78.9 | 81.0 82.2 | 83.1 84.4 | 84.6 86.1 | 84.8 86.3 | 86.0 87.7 | 86.1 87.9 | 86.2 88.0 | 86.3 88.1 | 86.3 88.2 | 86.3 88.2 | 86.4 88.2 | 86.4 88.2 | 86.4 88.2 | 86.4 88.2 |
| IV 900 IV 800 | 55.3 55.4 | 79.0 79.7 | 82.4 83.3 | 84.7 85.7 | 86.5 87.7 | 86.7 87.9 | 88.1 89.6 | 88.4 89.8 | 88.5 89.9 | 88.6 90.0 | 88.6 90.1 | 88.6 90.1 | 88.7 90.1 | 88.7 90.2 | 88.7 90.2 | 88.7 90.2 |
| IV 700 IV 600 | 55.4 55.5 | 80.0 80.3 | 83.7 84.3 | 86.3 87.0 | 88.3 89.1 | 88.5 89.3 | 90.2 91.1 | 90.5 91.5 | 90.6 91.6 | 90.8 91.8 | 90.9 91.9 | 90.9 91.9 | 90.9 91.9 | 91.0 91.9 | 91.0 92.0 | 91.0 92.0 |
| IV 500 IV 400 | 55.5 55.6 | 80.9 81.0 | 84.8 85.0 | 87.9 88.3 | 90.2 91.0 | 90.5 91.4 | 92.6 93.7 | 93.2 94.5 | 93.3 94.6 | 93.6 95.2 | 93.7 95.4 | 93.7 95.4 | 93.8 95.4 | 93.8 95.6 | 93.9 95.7 | 93.9 95.7 |
| IV 300 IV 200 | 55.6 55.6 | 81.2 81.2 | 85.2 85.3 | 88.6 88.7 | 91.5 91.7 | 92.0 92.2 | 94.7 95.0 | 95.6 95.9 | 95.8 96.1 | 96.3 97.3 | 97.0 97.6 | 97.0 97.6 | 97.5 98.2 | 97.5 98.5 | 97.6 98.9 | 97.9 99.1 |
| IV 100 IV 0 | 55.6 55.6 | 81.2 81.2 | 85.3 85.3 | 88.7 88.7 | 91.7 91.7 | 92.2 92.2 | 95.0 95.0 | 96.0 96.0 | 96.1 96.1 | 97.3 97.3 | 97.7 97.7 | 97.7 97.7 | 98.5 98.5 | 98.9 98.9 | 99.5 99.5 | 99.7 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2941

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 35.3 | 46.5 | 47.6 | 48.3 | 48.6 | 48.6 | 48.7 | 48.6 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| ≥ 20000 | 39.3 | 52.8 | 54.3 | 55.0 | 55.5 | 55.5 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| IV 18000 | 39.3 | 52.9 | 54.3 | 55.1 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 |
| IV 16000 | 39.4 | 53.0 | 54.4 | 55.2 | 55.7 | 55.7 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| IV 14000 | 39.8 | 53.8 | 55.3 | 56.3 | 56.8 | 56.8 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 |
| IV 12000 | 41.0 | 55.3 | 57.2 | 58.1 | 58.8 | 58.8 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 10000 | 42.3 | 58.0 | 59.9 | 60.9 | 61.6 | 61.6 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| IV 8000 | 42.6 | 58.4 | 60.3 | 61.4 | 62.0 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| IV 7000 | 43.1 | 59.7 | 61.6 | 62.8 | 63.5 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 |
| IV 6000 | 43.8 | 61.3 | 63.3 | 64.5 | 65.3 | 65.3 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| IV 5000 | 44.4 | 62.7 | 64.8 | 66.1 | 66.9 | 66.9 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| IV 4500 | 44.9 | 63.8 | 66.0 | 67.3 | 68.2 | 68.2 | 68.4 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| IV 4000 | 45.1 | 64.3 | 66.6 | 68.0 | 68.8 | 68.8 | 69.0 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 |
| IV 3500 | 45.7 | 66.0 | 68.4 | 69.7 | 70.7 | 70.7 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 3000 | 46.3 | 67.1 | 69.7 | 71.1 | 72.2 | 72.2 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 |
| IV 2500 | 46.8 | 68.7 | 71.5 | 73.2 | 74.5 | 74.5 | 74.8 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 2000 | 47.1 | 70.1 | 73.1 | 75.0 | 76.5 | 76.5 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 1800 | 48.0 | 72.2 | 75.5 | 77.5 | 79.1 | 79.1 | 79.4 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 1500 | 48.1 | 72.6 | 75.9 | 78.0 | 79.7 | 79.7 | 80.0 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 |
| IV 1200 | 48.5 | 74.0 | 77.5 | 79.6 | 81.3 | 81.4 | 81.8 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 |
| IV 1000 | 48.9 | 75.0 | 78.5 | 80.7 | 82.5 | 82.6 | 83.0 | 83.3 | 83.4 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 900 | 48.9 | 75.8 | 79.6 | 81.9 | 83.7 | 83.8 | 84.5 | 84.8 | 84.8 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 |
| IV 800 | 49.0 | 76.1 | 79.9 | 82.3 | 84.2 | 84.3 | 85.0 | 85.3 | 85.4 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 700 | 49.1 | 76.7 | 80.6 | 83.2 | 85.2 | 85.3 | 86.0 | 86.4 | 86.4 | 86.5 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV 600 | 49.2 | 77.1 | 81.2 | 84.1 | 86.3 | 86.4 | 87.2 | 87.5 | 87.6 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 |
| IV 500 | 49.3 | 77.7 | 82.0 | 85.0 | 87.4 | 87.6 | 88.5 | 88.9 | 88.9 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 400 | 49.3 | 77.9 | 82.2 | 85.5 | 88.0 | 88.2 | 89.3 | 89.8 | 89.8 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 300 | 49.3 | 78.2 | 82.7 | 86.2 | 88.9 | 89.2 | 90.7 | 91.4 | 91.5 | 92.2 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 200 | 49.3 | 78.3 | 83.0 | 86.7 | 89.9 | 90.5 | 92.4 | 93.5 | 93.6 | 94.7 | 95.1 | 95.1 | 95.5 | 95.6 | 95.7 | 95.8 |
| IV 100 | 49.3 | 78.4 | 83.1 | 86.8 | 90.1 | 90.7 | 92.9 | 94.2 | 94.3 | 95.6 | 96.2 | 96.3 | 96.9 | 97.1 | 97.5 | 98.0 |
| IV 0 | 49.3 | 78.4 | 83.1 | 86.9 | 90.2 | 90.8 | 93.1 | 94.4 | 94.5 | 95.8 | 96.5 | 96.5 | 97.5 | 97.9 | 98.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 2927

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 34.5 | 48.6 | 50.3 | 51.0 | 51.8 | 51.8 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.1 | 52.1 | 52.2 | 52.2 |
| IV 20000 | 36.8 | 52.5 | 54.2 | 55.0 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 18000 | 37.0 | 52.6 | 54.4 | 55.1 | 55.9 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 |
| IV 16000 | 37.0 | 52.7 | 54.5 | 55.2 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 |
| IV 14000 | 37.6 | 53.7 | 55.5 | 56.4 | 57.2 | 57.2 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 |
| IV 12000 | 38.2 | 55.3 | 57.2 | 58.0 | 58.9 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.3 | 59.3 |
| IV 10000 | 39.0 | 57.1 | 59.0 | 59.9 | 60.8 | 60.8 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 |
| IV 9000 | 39.2 | 57.4 | 59.4 | 60.2 | 61.2 | 61.2 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 |
| IV 8000 | 39.6 | 58.9 | 60.9 | 61.8 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 |
| IV 7000 | 40.3 | 60.4 | 62.5 | 63.5 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 |
| IV 6000 | 40.8 | 61.6 | 63.7 | 64.6 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 66.0 | 66.0 |
| IV 5000 | 41.5 | 62.6 | 64.8 | 65.9 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.5 | 67.5 |
| IV 4500 | 41.6 | 63.1 | 65.4 | 66.6 | 67.7 | 67.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 |
| IV 4000 | 41.9 | 64.3 | 66.7 | 67.9 | 69.0 | 69.0 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 |
| IV 3500 | 42.3 | 65.3 | 67.8 | 69.0 | 70.1 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 |
| IV 3000 | 42.5 | 66.3 | 69.1 | 70.5 | 71.8 | 71.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 |
| IV 2500 | 43.0 | 68.1 | 71.1 | 72.7 | 74.0 | 74.0 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.6 | 74.6 |
| IV 2000 | 43.7 | 69.8 | 73.1 | 74.7 | 76.1 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 1800 | 43.8 | 70.4 | 73.7 | 75.4 | 76.9 | 76.9 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 |
| IV 1500 | 44.4 | 71.8 | 75.2 | 77.1 | 78.6 | 78.6 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 |
| IV 1200 | 44.8 | 73.0 | 76.6 | 78.6 | 80.1 | 80.2 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 1000 | 45.0 | 73.8 | 77.5 | 79.5 | 81.1 | 81.3 | 81.7 | 81.9 | 81.9 | 82.0 | 82.1 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 |
| IV 900 | 45.1 | 74.4 | 78.2 | 80.3 | 81.8 | 82.0 | 82.5 | 82.6 | 82.6 | 82.9 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 800 | 45.5 | 75.3 | 79.1 | 81.4 | 83.3 | 83.4 | 84.0 | 84.2 | 84.2 | 84.4 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 700 | 45.5 | 75.6 | 79.6 | 82.1 | 84.0 | 84.2 | 84.9 | 85.1 | 85.1 | 85.4 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 |
| IV 600 | 45.6 | 76.3 | 80.6 | 83.4 | 85.6 | 85.8 | 86.6 | 86.9 | 86.9 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 |
| IV 500 | 45.6 | 76.7 | 81.0 | 84.2 | 86.7 | 86.9 | 87.9 | 88.3 | 88.3 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 |
| IV 400 | 45.6 | 77.1 | 81.7 | 85.1 | 87.7 | 88.0 | 89.2 | 89.5 | 89.5 | 90.1 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 300 | 45.6 | 77.3 | 82.2 | 85.8 | 88.8 | 89.1 | 90.7 | 91.2 | 91.2 | 92.0 | 92.3 | 92.3 | 92.5 | 92.6 | 92.8 | 92.9 |
| IV 200 | 45.6 | 77.5 | 82.4 | 86.3 | 89.3 | 89.7 | 91.4 | 92.2 | 92.3 | 93.4 | 94.1 | 94.1 | 94.8 | 95.2 | 95.6 | 96.0 |
| IV 100 | 45.6 | 77.5 | 82.5 | 86.4 | 89.4 | 89.8 | 91.6 | 92.3 | 92.4 | 93.7 | 94.4 | 94.5 | 95.6 | 96.2 | 97.2 | 98.2 |
| IV 0 | 45.6 | 77.5 | 82.5 | 86.4 | 89.4 | 89.8 | 91.6 | 92.4 | 92.4 | 93.7 | 94.5 | 94.5 | 95.7 | 96.4 | 97.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2649

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-65,74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 35.6 | 52.7 | 54.4 | 55.2 | 55.6 | 55.6 | 55.8 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.3 | 56.3 |
| IV 18000 | 38.5 | 57.8 | 59.8 | 60.7 | 61.1 | 61.1 | 61.2 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.5 | 61.6 | 61.8 | 61.8 |
| IV 16000 | 38.5 | 58.0 | 60.1 | 61.0 | 61.4 | 61.4 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.8 | 61.9 | 62.1 | 62.1 |
| IV 14000 | 39.0 | 58.6 | 60.8 | 61.7 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.7 | 62.8 |
| IV 12000 | 40.3 | 60.1 | 62.2 | 63.1 | 63.5 | 63.5 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 | 64.0 | 64.2 | 64.2 |
| IV 10000 | 40.6 | 61.3 | 63.5 | 64.4 | 64.8 | 64.8 | 64.9 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.2 | 65.3 | 65.5 | 65.5 |
| IV 9000 | 40.8 | 61.8 | 63.9 | 64.8 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.6 | 65.7 | 65.9 | 65.9 |
| IV 8000 | 41.0 | 62.4 | 64.7 | 65.5 | 65.9 | 65.9 | 66.1 | 66.1 | 66.1 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 | 66.6 | 66.6 |
| IV 7000 | 41.2 | 63.1 | 65.4 | 66.3 | 66.7 | 66.7 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 |
| IV 6000 | 41.3 | 63.4 | 65.7 | 66.6 | 67.0 | 67.0 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.4 | 67.5 | 67.7 | 67.7 |
| IV 5000 | 41.7 | 64.0 | 66.4 | 67.3 | 67.7 | 67.7 | 67.9 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.4 | 68.4 |
| IV 4500 | 41.7 | 64.4 | 66.7 | 67.7 | 68.1 | 68.1 | 68.3 | 68.3 | 68.3 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.8 | 68.9 |
| IV 4000 | 42.2 | 65.3 | 67.8 | 68.9 | 69.4 | 69.4 | 69.6 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 70.1 | 70.1 |
| IV 3500 | 42.6 | 66.2 | 68.7 | 69.9 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.8 | 70.9 | 71.1 | 71.1 |
| IV 3000 | 43.2 | 67.5 | 70.0 | 71.4 | 71.9 | 71.9 | 72.1 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.6 | 72.6 |
| IV 2500 | 43.6 | 68.9 | 71.5 | 72.9 | 73.4 | 73.4 | 73.6 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 |
| IV 2000 | 44.2 | 71.2 | 73.8 | 75.4 | 75.9 | 75.9 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.4 | 76.5 | 76.7 | 76.7 |
| IV 1800 | 44.5 | 71.6 | 74.1 | 75.8 | 76.3 | 76.3 | 76.4 | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 | 76.9 | 76.9 | 77.1 | 77.2 |
| IV 1500 | 45.3 | 73.3 | 76.1 | 77.9 | 78.5 | 78.5 | 78.6 | 78.9 | 78.9 | 78.9 | 79.1 | 79.1 | 79.2 | 79.2 | 79.4 | 79.4 |
| IV 1200 | 46.2 | 75.5 | 78.6 | 80.5 | 81.3 | 81.4 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 82.1 | 82.1 | 82.3 | 82.4 |
| IV 1000 | 46.8 | 77.6 | 81.0 | 83.3 | 84.1 | 84.2 | 84.5 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.9 | 85.0 | 85.2 | 85.2 |
| IV 900 | 47.4 | 78.6 | 82.2 | 84.5 | 85.5 | 85.5 | 85.6 | 85.8 | 86.0 | 86.0 | 86.2 | 86.2 | 86.2 | 86.3 | 86.4 | 86.6 |
| IV 800 | 47.7 | 80.1 | 83.9 | 86.4 | 87.4 | 87.4 | 87.5 | 87.7 | 88.0 | 88.0 | 88.1 | 88.2 | 88.2 | 88.3 | 88.5 | 88.8 |
| IV 700 | 48.0 | 80.8 | 84.9 | 87.9 | 89.0 | 89.1 | 89.4 | 89.7 | 89.7 | 89.9 | 90.0 | 90.0 | 90.1 | 90.3 | 90.5 | 90.5 |
| IV 600 | 48.0 | 81.5 | 85.8 | 89.2 | 90.4 | 90.5 | 90.9 | 91.4 | 91.4 | 91.5 | 91.6 | 91.6 | 91.7 | 91.9 | 92.1 | 92.2 |
| IV 500 | 48.0 | 82.1 | 86.7 | 90.2 | 91.6 | 91.8 | 92.5 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.3 | 93.5 | 93.7 | 93.8 |
| IV 400 | 48.0 | 82.4 | 87.1 | 90.8 | 92.3 | 92.5 | 93.6 | 94.0 | 94.0 | 94.3 | 94.5 | 94.5 | 94.7 | 94.8 | 95.1 | 95.1 |
| IV 300 | 48.0 | 82.4 | 87.1 | 91.0 | 92.7 | 92.9 | 94.1 | 94.6 | 94.6 | 95.0 | 95.1 | 95.1 | 95.4 | 95.5 | 95.8 | 95.8 |
| IV 200 | 48.0 | 82.6 | 87.4 | 91.4 | 93.1 | 93.3 | 95.0 | 95.6 | 95.7 | 96.2 | 96.6 | 96.6 | 97.1 | 97.3 | 97.7 | 97.7 |
| IV 100 | 48.0 | 82.6 | 87.4 | 91.4 | 93.1 | 93.3 | 95.0 | 95.7 | 95.8 | 96.4 | 96.8 | 96.8 | 97.6 | 97.9 | 98.6 | 99.0 |
| IV 0 | 48.0 | 82.6 | 87.4 | 91.4 | 93.1 | 93.3 | 95.0 | 95.7 | 95.8 | 96.4 | 96.8 | 96.8 | 97.7 | 98.0 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2116

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-65,67-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 31.6 | 49.2 | 50.7 | 52.0 | 52.7 | 52.8 | 53.2 | 53.3 | 53.3 | 53.4 | 53.5 | 53.6 | 53.8 | 53.9 | 54.1 | 54.4 |
| IV 20000 | 33.6 | 52.4 | 54.0 | 55.5 | 56.2 | 56.3 | 56.7 | 56.8 | 56.8 | 56.9 | 57.0 | 57.1 | 57.4 | 57.4 | 57.7 | 58.0 |
| IV 18000 | 33.6 | 52.6 | 54.2 | 55.7 | 56.4 | 56.5 | 56.9 | 57.0 | 57.0 | 57.1 | 57.2 | 57.3 | 57.6 | 57.6 | 57.9 | 58.2 |
| IV 16000 | 33.7 | 52.8 | 54.5 | 55.9 | 56.7 | 56.7 | 57.2 | 57.2 | 57.2 | 57.3 | 57.4 | 57.5 | 57.8 | 57.9 | 58.1 | 58.4 |
| IV 14000 | 33.9 | 53.4 | 55.1 | 56.6 | 57.3 | 57.4 | 57.9 | 57.9 | 57.9 | 58.0 | 58.1 | 58.2 | 58.5 | 58.6 | 58.8 | 59.1 |
| IV 12000 | 34.7 | 54.5 | 56.3 | 57.8 | 58.6 | 58.7 | 59.2 | 59.2 | 59.2 | 59.3 | 59.4 | 59.5 | 59.8 | 59.8 | 60.1 | 60.4 |
| IV 10000 | 35.1 | 55.8 | 57.6 | 59.2 | 60.1 | 60.1 | 60.6 | 60.6 | 60.6 | 60.7 | 60.8 | 60.9 | 61.2 | 61.3 | 61.5 | 61.8 |
| IV 9000 | 35.2 | 56.1 | 58.0 | 59.5 | 60.4 | 60.5 | 60.9 | 61.0 | 61.0 | 61.1 | 61.2 | 61.3 | 61.6 | 61.6 | 61.9 | 62.2 |
| IV 8000 | 35.5 | 57.3 | 59.4 | 61.0 | 61.9 | 62.0 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 | 62.7 | 63.0 | 63.1 | 63.3 | 63.7 |
| IV 7000 | 35.6 | 57.7 | 59.7 | 61.4 | 62.3 | 62.5 | 62.9 | 63.0 | 63.0 | 63.1 | 63.2 | 63.3 | 63.6 | 63.6 | 63.9 | 64.2 |
| IV 6000 | 35.7 | 58.3 | 60.4 | 62.0 | 63.0 | 63.2 | 63.6 | 63.7 | 63.7 | 63.8 | 63.9 | 64.0 | 64.3 | 64.3 | 64.6 | 64.9 |
| IV 5000 | 36.2 | 59.3 | 61.6 | 63.3 | 64.3 | 64.5 | 64.9 | 65.0 | 65.0 | 65.1 | 65.2 | 65.3 | 65.6 | 65.6 | 65.9 | 66.2 |
| IV 4500 | 36.3 | 59.7 | 62.0 | 63.7 | 64.7 | 64.8 | 65.3 | 65.4 | 65.4 | 65.5 | 65.6 | 65.7 | 66.0 | 66.0 | 66.3 | 66.7 |
| IV 4000 | 36.8 | 60.7 | 62.9 | 64.8 | 65.8 | 65.9 | 66.4 | 66.5 | 66.5 | 66.6 | 66.7 | 66.8 | 67.1 | 67.1 | 67.4 | 67.7 |
| IV 3500 | 37.3 | 61.5 | 63.7 | 65.6 | 66.6 | 66.7 | 67.2 | 67.3 | 67.3 | 67.4 | 67.5 | 67.6 | 67.9 | 67.9 | 68.2 | 68.5 |
| IV 3000 | 37.9 | 62.9 | 65.3 | 67.2 | 68.3 | 68.5 | 68.9 | 69.0 | 69.0 | 69.2 | 69.3 | 69.4 | 69.7 | 69.8 | 70.0 | 70.4 |
| IV 2500 | 38.5 | 64.3 | 66.8 | 68.8 | 69.9 | 70.1 | 70.5 | 70.6 | 70.6 | 70.8 | 70.9 | 71.0 | 71.3 | 71.3 | 71.6 | 72.0 |
| IV 2000 | 39.1 | 66.6 | 69.2 | 71.3 | 72.6 | 72.7 | 73.2 | 73.3 | 73.3 | 73.5 | 73.6 | 73.7 | 74.0 | 74.1 | 74.3 | 74.7 |
| IV 1800 | 39.3 | 67.0 | 69.7 | 71.8 | 73.1 | 73.2 | 73.8 | 73.9 | 73.9 | 74.1 | 74.2 | 74.3 | 74.6 | 74.6 | 74.9 | 75.2 |
| IV 1500 | 40.0 | 68.8 | 71.7 | 74.0 | 75.4 | 75.5 | 76.1 | 76.3 | 76.3 | 76.5 | 76.6 | 76.6 | 76.9 | 77.0 | 77.3 | 77.6 |
| IV 1200 | 41.1 | 72.0 | 75.3 | 77.6 | 79.1 | 79.3 | 79.8 | 80.1 | 80.1 | 80.3 | 80.4 | 80.4 | 80.7 | 80.8 | 81.0 | 81.4 |
| IV 1000 | 41.8 | 74.1 | 77.8 | 80.3 | 82.0 | 82.2 | 82.9 | 83.1 | 83.1 | 83.3 | 83.4 | 83.5 | 83.8 | 83.8 | 84.1 | 84.4 |
| IV 900 | 42.1 | 75.5 | 79.4 | 82.0 | 83.9 | 84.0 | 84.7 | 85.0 | 85.0 | 85.2 | 85.3 | 85.4 | 85.7 | 85.7 | 86.0 | 86.3 |
| IV 800 | 42.3 | 76.7 | 80.9 | 83.8 | 85.8 | 85.9 | 86.8 | 87.0 | 87.0 | 87.2 | 87.3 | 87.4 | 87.8 | 87.9 | 88.1 | 88.5 |
| IV 700 | 42.7 | 77.6 | 81.9 | 84.8 | 86.9 | 87.0 | 87.9 | 88.1 | 88.1 | 88.4 | 88.5 | 88.5 | 88.9 | 89.0 | 89.2 | 89.7 |
| IV 600 | 42.7 | 78.4 | 82.9 | 86.0 | 88.4 | 88.5 | 89.4 | 89.7 | 89.7 | 90.0 | 90.1 | 90.2 | 90.6 | 90.7 | 90.9 | 91.3 |
| IV 500 | 42.7 | 78.7 | 83.4 | 86.7 | 89.3 | 89.4 | 90.7 | 90.9 | 91.0 | 91.4 | 91.5 | 91.6 | 92.0 | 92.1 | 92.3 | 92.8 |
| IV 400 | 42.7 | 79.2 | 83.9 | 87.4 | 90.2 | 90.3 | 91.8 | 92.1 | 92.2 | 92.6 | 92.7 | 92.8 | 93.2 | 93.3 | 93.5 | 94.0 |
| IV 300 | 42.8 | 79.4 | 84.3 | 87.7 | 90.9 | 91.1 | 92.8 | 93.1 | 93.1 | 93.8 | 94.0 | 94.1 | 94.6 | 94.7 | 95.0 | 95.4 |
| IV 200 | 42.8 | 79.6 | 84.5 | 88.1 | 91.3 | 91.6 | 93.5 | 93.8 | 93.8 | 94.7 | 95.1 | 95.2 | 95.9 | 96.0 | 96.5 | 97.0 |
| IV 100 | 42.8 | 79.6 | 84.5 | 88.1 | 91.3 | 91.6 | 93.5 | 93.8 | 93.9 | 94.9 | 95.3 | 95.4 | 96.6 | 96.7 | 97.5 | 98.7 |
| IV 0 | 42.8 | 79.6 | 84.5 | 88.1 | 91.3 | 91.6 | 93.5 | 93.8 | 93.9 | 95.0 | 95.3 | 95.5 | 96.6 | 96.8 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 31.5 | 42.7 | 43.8 | 44.5 | 45.0 | 45.1 | 45.4 | 45.6 | 45.6 | 45.7 | 45.9 | 45.9 | 46.0 | 46.1 | 46.2 | 46.5 |
| IV 20000 | 35.4 | 49.8 | 51.0 | 52.0 | 52.6 | 52.8 | 53.1 | 53.3 | 53.3 | 53.4 | 53.6 | 53.6 | 53.8 | 53.9 | 54.2 | 54.4 |
| IV 18000 | 35.5 | 50.1 | 51.3 | 52.3 | 53.0 | 53.1 | 53.4 | 53.7 | 53.7 | 53.8 | 54.0 | 54.0 | 54.1 | 54.3 | 54.5 | 54.8 |
| IV 16000 | 35.5 | 50.2 | 51.4 | 52.4 | 53.1 | 53.2 | 53.5 | 53.8 | 53.8 | 53.9 | 54.1 | 54.1 | 54.2 | 54.4 | 54.6 | 54.9 |
| IV 14000 | 36.0 | 51.0 | 52.2 | 53.3 | 53.9 | 54.1 | 54.4 | 54.6 | 54.6 | 54.7 | 54.9 | 54.9 | 55.1 | 55.2 | 55.5 | 55.7 |
| IV 12000 | 37.0 | 52.2 | 53.5 | 54.6 | 55.2 | 55.4 | 55.7 | 56.0 | 56.0 | 56.1 | 56.3 | 56.3 | 56.4 | 56.6 | 56.9 | 57.1 |
| IV 10000 | 38.1 | 54.0 | 55.4 | 56.4 | 57.1 | 57.3 | 57.7 | 58.0 | 58.0 | 58.1 | 58.3 | 58.3 | 58.5 | 58.6 | 58.9 | 59.2 |
| IV 9000 | 38.3 | 54.3 | 55.7 | 56.7 | 57.4 | 57.6 | 58.0 | 58.3 | 58.3 | 58.4 | 58.6 | 58.6 | 58.8 | 58.9 | 59.2 | 59.5 |
| IV 8000 | 39.5 | 56.8 | 58.5 | 59.6 | 60.3 | 60.5 | 60.9 | 61.2 | 61.2 | 61.3 | 61.5 | 61.5 | 61.7 | 61.8 | 62.1 | 62.4 |
| IV 7000 | 40.3 | 58.2 | 59.9 | 61.0 | 61.8 | 62.0 | 62.4 | 62.7 | 62.7 | 62.8 | 63.0 | 63.0 | 63.2 | 63.3 | 63.6 | 63.9 |
| IV 6000 | 40.8 | 59.0 | 60.7 | 62.0 | 62.8 | 63.0 | 63.4 | 63.7 | 63.7 | 63.8 | 64.0 | 64.0 | 64.1 | 64.3 | 64.6 | 64.8 |
| IV 5000 | 41.1 | 59.9 | 61.6 | 62.9 | 63.8 | 64.0 | 64.4 | 64.7 | 64.7 | 64.8 | 65.0 | 65.0 | 65.2 | 65.3 | 65.6 | 65.8 |
| IV 4500 | 41.4 | 60.3 | 62.0 | 63.4 | 64.2 | 64.4 | 64.8 | 65.1 | 65.1 | 65.2 | 65.4 | 65.4 | 65.6 | 65.7 | 66.0 | 66.3 |
| IV 4000 | 42.2 | 61.3 | 63.4 | 64.9 | 65.8 | 66.0 | 66.4 | 66.8 | 66.8 | 66.9 | 67.1 | 67.1 | 67.2 | 67.4 | 67.7 | 67.9 |
| IV 3500 | 42.6 | 62.0 | 64.1 | 65.6 | 66.6 | 66.8 | 67.2 | 67.6 | 67.6 | 67.7 | 67.9 | 67.9 | 68.1 | 68.2 | 68.5 | 68.7 |
| IV 3000 | 43.0 | 63.4 | 65.7 | 67.3 | 68.4 | 68.6 | 69.0 | 69.5 | 69.5 | 69.6 | 69.8 | 69.8 | 69.9 | 70.1 | 70.4 | 70.7 |
| IV 2500 | 43.9 | 65.4 | 67.9 | 69.7 | 70.9 | 71.1 | 71.6 | 72.2 | 72.2 | 72.3 | 72.5 | 72.5 | 72.7 | 72.8 | 73.1 | 73.4 |
| IV 2000 | 45.1 | 67.7 | 70.4 | 72.5 | 73.9 | 74.1 | 74.8 | 75.4 | 75.4 | 75.5 | 75.7 | 75.7 | 75.9 | 76.1 | 76.4 | 76.7 |
| IV 1800 | 45.4 | 68.0 | 70.8 | 72.9 | 74.3 | 74.5 | 75.3 | 75.8 | 75.8 | 76.0 | 76.2 | 76.2 | 76.4 | 76.5 | 76.8 | 77.1 |
| IV 1500 | 46.5 | 70.3 | 73.4 | 75.7 | 77.3 | 77.5 | 78.3 | 78.8 | 78.8 | 79.0 | 79.2 | 79.2 | 79.4 | 79.6 | 79.9 | 80.1 |
| IV 1200 | 47.6 | 73.0 | 76.4 | 79.0 | 80.8 | 81.2 | 82.0 | 82.6 | 82.6 | 82.7 | 83.0 | 83.0 | 83.2 | 83.3 | 83.6 | 83.9 |
| IV 1000 | 48.5 | 75.2 | 78.9 | 81.8 | 83.9 | 84.2 | 85.0 | 85.7 | 85.7 | 85.8 | 86.1 | 86.1 | 86.3 | 86.4 | 86.7 | 87.0 |
| IV 900 | 48.7 | 76.0 | 79.9 | 82.9 | 85.1 | 85.4 | 86.3 | 86.9 | 86.9 | 87.1 | 87.4 | 87.4 | 87.6 | 87.7 | 88.0 | 88.3 |
| IV 800 | 48.8 | 76.9 | 81.0 | 84.4 | 86.8 | 87.1 | 88.1 | 88.8 | 88.8 | 89.0 | 89.3 | 89.3 | 89.5 | 89.6 | 90.0 | 90.3 |
| IV 700 | 49.1 | 77.7 | 82.0 | 85.5 | 88.1 | 88.5 | 89.5 | 90.2 | 90.2 | 90.5 | 90.7 | 90.7 | 90.9 | 91.1 | 91.4 | 91.7 |
| IV 600 | 49.2 | 78.5 | 82.8 | 86.5 | 89.2 | 89.6 | 90.7 | 91.4 | 91.4 | 91.7 | 92.1 | 92.1 | 92.3 | 92.4 | 92.7 | 93.0 |
| IV 500 | 49.3 | 79.1 | 83.6 | 87.5 | 90.3 | 90.7 | 91.9 | 92.7 | 92.7 | 93.1 | 93.5 | 93.5 | 93.8 | 93.9 | 94.2 | 94.5 |
| IV 400 | 49.3 | 79.4 | 84.1 | 88.1 | 91.2 | 91.6 | 93.0 | 94.0 | 94.0 | 94.5 | 94.8 | 94.8 | 95.2 | 95.3 | 95.7 | 96.0 |
| IV 300 | 49.4 | 79.6 | 84.3 | 88.3 | 91.5 | 91.9 | 93.5 | 94.7 | 94.8 | 95.4 | 95.7 | 95.7 | 96.1 | 96.3 | 96.7 | 97.0 |
| IV 200 | 49.4 | 79.8 | 84.6 | 88.6 | 91.8 | 92.2 | 94.0 | 95.2 | 95.2 | 96.0 | 96.4 | 96.5 | 97.1 | 97.3 | 97.8 | 98.2 |
| IV 100 | 49.4 | 79.8 | 84.6 | 88.7 | 91.9 | 92.3 | 94.0 | 95.2 | 95.3 | 96.0 | 96.5 | 96.6 | 97.3 | 97.7 | 98.5 | 99.5 |
| IV 0 | 49.4 | 79.8 | 84.6 | 88.7 | 91.9 | 92.3 | 94.0 | 95.2 | 95.3 | 96.0 | 96.5 | 96.6 | 97.3 | 97.7 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2934

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 40.5 | 50.4 | 50.8 | 51.0 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 20000 | 47.1 | 59.6 | 60.1 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| IV 18000 | 47.1 | 59.7 | 60.1 | 60.5 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| IV 16000 | 47.2 | 59.9 | 60.4 | 60.7 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| IV 14000 | 47.5 | 60.6 | 61.1 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| IV 12000 | 48.2 | 61.6 | 62.1 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 10000 | 49.7 | 64.0 | 64.6 | 65.0 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 9000 | 49.9 | 64.3 | 64.8 | 65.3 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 8000 | 51.0 | 66.6 | 67.1 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| IV 7000 | 51.7 | 67.7 | 68.3 | 68.9 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 6000 | 52.0 | 68.5 | 69.2 | 69.8 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| IV 5000 | 52.7 | 69.9 | 70.6 | 71.2 | 71.6 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| IV 4500 | 53.0 | 70.5 | 71.2 | 71.8 | 72.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 4000 | 53.7 | 71.7 | 72.6 | 73.5 | 73.9 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 3500 | 53.8 | 72.2 | 73.1 | 73.9 | 74.5 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| IV 3000 | 54.5 | 73.8 | 74.9 | 75.9 | 76.5 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 2500 | 55.9 | 76.5 | 77.8 | 79.0 | 79.6 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 2000 | 57.6 | 79.9 | 81.5 | 82.9 | 83.7 | 83.8 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 1800 | 57.9 | 80.5 | 82.2 | 83.6 | 84.5 | 84.6 | 84.9 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 1500 | 59.0 | 82.9 | 84.7 | 86.3 | 87.2 | 87.3 | 87.6 | 87.6 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 1200 | 59.9 | 85.1 | 87.0 | 88.8 | 89.9 | 90.0 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 1000 | 60.7 | 86.9 | 89.0 | 90.9 | 92.0 | 92.2 | 92.6 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 900 | 60.8 | 87.3 | 89.4 | 91.4 | 92.7 | 92.9 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| IV 800 | 61.0 | 88.2 | 90.3 | 92.5 | 93.9 | 94.1 | 94.8 | 94.9 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 700 | 61.2 | 88.8 | 91.0 | 93.3 | 94.9 | 95.1 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 600 | 61.3 | 89.3 | 91.7 | 94.1 | 95.8 | 96.0 | 96.9 | 97.0 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 500 | 61.3 | 89.5 | 92.0 | 94.4 | 96.2 | 96.4 | 97.6 | 97.8 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 400 | 61.3 | 89.5 | 92.1 | 94.7 | 96.4 | 96.8 | 98.0 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 300 | 61.3 | 89.6 | 92.2 | 94.8 | 96.7 | 97.0 | 98.3 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 |
| IV 200 | 61.3 | 89.6 | 92.2 | 94.8 | 96.7 | 97.1 | 98.3 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 |
| IV 100 | 61.3 | 89.6 | 92.2 | 94.8 | 96.7 | 97.1 | 98.3 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.6 | 99.9 |
| IV 0 | 61.3 | 89.6 | 92.2 | 94.8 | 96.7 | 97.1 | 98.3 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2898

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13920
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 44.9 | 53.6 | 54.3 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 20000 | 52.5 | 63.4 | 64.5 | 65.0 | 65.0 | 65.1 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| IV 18000 | 52.6 | 63.6 | 64.7 | 65.2 | 65.2 | 65.3 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 16000 | 52.7 | 63.8 | 65.0 | 65.4 | 65.5 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| IV 14000 | 53.2 | 64.4 | 65.7 | 66.1 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| IV 12000 | 54.5 | 66.3 | 67.5 | 68.0 | 68.1 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| IV 10000 | 55.9 | 68.2 | 69.5 | 70.0 | 70.1 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 9000 | 56.2 | 68.7 | 70.0 | 70.5 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 8000 | 57.1 | 70.5 | 72.0 | 72.6 | 72.7 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| IV 7000 | 57.7 | 71.7 | 73.2 | 73.8 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| IV 6000 | 58.3 | 72.6 | 74.2 | 74.9 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV 5000 | 59.0 | 73.9 | 75.6 | 76.2 | 76.6 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 4500 | 59.4 | 74.4 | 76.1 | 76.8 | 77.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| IV 4000 | 60.2 | 76.0 | 77.8 | 78.6 | 79.0 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| IV 3500 | 60.7 | 76.7 | 78.6 | 79.4 | 79.9 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| IV 3000 | 61.8 | 78.7 | 80.8 | 81.7 | 82.2 | 82.4 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| IV 2500 | 62.9 | 80.8 | 83.1 | 84.2 | 84.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 2000 | 64.4 | 83.6 | 86.2 | 87.5 | 88.1 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 1800 | 64.7 | 84.1 | 86.7 | 88.0 | 88.7 | 88.8 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 1500 | 65.4 | 85.6 | 88.3 | 89.6 | 90.5 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IV 1200 | 66.3 | 87.4 | 90.2 | 91.6 | 92.6 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| IV 1000 | 66.7 | 88.6 | 91.5 | 93.0 | 94.1 | 94.4 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| IV 900 | 66.9 | 89.1 | 92.0 | 93.6 | 94.8 | 95.1 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| IV 800 | 67.2 | 89.6 | 92.7 | 94.4 | 95.6 | 95.9 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 700 | 67.2 | 90.1 | 93.2 | 95.2 | 96.5 | 96.8 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 600 | 67.3 | 90.3 | 93.5 | 95.7 | 97.1 | 97.4 | 98.0 | 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 500 | 67.3 | 90.4 | 93.7 | 96.0 | 97.4 | 97.8 | 98.4 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 400 | 67.3 | 90.5 | 93.8 | 96.2 | 97.6 | 98.0 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 300 | 67.3 | 90.5 | 93.9 | 96.3 | 97.7 | 98.1 | 98.9 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| IV 200 | 67.3 | 90.5 | 93.9 | 96.3 | 97.7 | 98.1 | 98.9 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 100 | 67.3 | 90.5 | 93.9 | 96.3 | 97.7 | 98.1 | 98.9 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 |
| IV 0 | 67.3 | 90.5 | 93.9 | 96.3 | 97.7 | 98.1 | 98.9 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2887

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUOXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (ST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 44.4 | 52.3 | 52.9 | 53.3 | 53.6 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| IV 20000 | 53.4 | 63.7 | 64.8 | 65.4 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| IV 18000 | 53.5 | 63.9 | 65.0 | 65.5 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 |
| IV 16000 | 53.8 | 64.1 | 65.2 | 65.8 | 66.0 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| IV 14000 | 54.1 | 64.6 | 65.7 | 66.3 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 |
| IV 12000 | 55.6 | 66.5 | 67.6 | 68.1 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| IV 10000 | 56.7 | 68.4 | 69.5 | 70.2 | 70.5 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 9000 | 57.1 | 68.8 | 69.9 | 70.6 | 70.9 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 8000 | 58.0 | 71.1 | 72.3 | 73.3 | 73.5 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 7000 | 58.8 | 72.3 | 73.6 | 74.5 | 74.8 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 6000 | 59.3 | 72.9 | 74.3 | 75.3 | 75.5 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| IV 5000 | 59.9 | 73.8 | 75.4 | 76.5 | 76.8 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 4500 | 60.3 | 74.3 | 75.8 | 77.0 | 77.2 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 4000 | 61.3 | 76.1 | 77.7 | 78.9 | 79.2 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| IV 3500 | 61.8 | 77.1 | 78.9 | 80.2 | 80.6 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| IV 3000 | 63.1 | 78.9 | 80.8 | 82.2 | 82.7 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 |
| IV 2500 | 64.2 | 81.0 | 83.2 | 84.7 | 85.3 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 2000 | 65.3 | 82.9 | 85.4 | 87.0 | 87.8 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV 1800 | 65.4 | 83.2 | 85.7 | 87.4 | 88.1 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 1500 | 65.9 | 84.4 | 87.2 | 89.0 | 89.8 | 90.0 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 1200 | 66.6 | 86.0 | 89.1 | 91.1 | 92.0 | 92.2 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 1000 | 66.9 | 86.8 | 90.0 | 92.1 | 93.0 | 93.2 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 900 | 67.0 | 87.3 | 90.5 | 92.7 | 93.6 | 93.8 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 800 | 67.1 | 87.8 | 91.1 | 93.3 | 94.3 | 94.5 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 700 | 67.2 | 88.2 | 91.5 | 93.9 | 94.9 | 95.2 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IV 600 | 67.3 | 88.6 | 92.0 | 94.7 | 95.9 | 96.2 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 500 | 67.4 | 89.0 | 92.6 | 95.5 | 96.8 | 97.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 400 | 67.4 | 89.2 | 92.8 | 95.8 | 97.2 | 97.5 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 300 | 67.4 | 89.2 | 92.8 | 95.9 | 97.3 | 97.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 200 | 67.4 | 89.2 | 92.8 | 95.9 | 97.4 | 97.6 | 98.8 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 |
| IV 100 | 67.4 | 89.2 | 92.8 | 95.9 | 97.4 | 97.6 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 |
| IV 0 | 67.4 | 89.2 | 92.8 | 95.9 | 97.4 | 97.6 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2891

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 42.5 | 54.2 | 54.9 | 55.2 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 20000 | 48.9 | 63.6 | 64.6 | 64.9 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 18000 | 49.0 | 63.8 | 64.8 | 65.2 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| IV 16000 | 49.2 | 64.1 | 65.0 | 65.4 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IV 14000 | 49.6 | 64.6 | 65.6 | 66.0 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 12000 | 50.8 | 66.2 | 67.2 | 67.7 | 68.2 | 68.2 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| IV 10000 | 51.7 | 68.2 | 69.2 | 70.0 | 70.5 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| IV 9000 | 51.9 | 68.6 | 69.7 | 70.4 | 71.0 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 8000 | 52.6 | 70.0 | 71.3 | 72.1 | 72.7 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| IV 7000 | 53.3 | 71.2 | 72.7 | 73.6 | 74.2 | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| IV 6000 | 53.7 | 71.9 | 73.5 | 74.6 | 75.2 | 75.2 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| IV 5000 | 54.4 | 73.1 | 74.6 | 75.8 | 76.4 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 4500 | 54.5 | 73.3 | 74.9 | 76.0 | 76.6 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 4000 | 54.7 | 74.1 | 75.8 | 77.0 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| IV 3500 | 55.0 | 74.7 | 76.5 | 77.9 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IV 3000 | 55.6 | 75.7 | 77.6 | 79.2 | 79.8 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 2500 | 56.4 | 76.9 | 78.9 | 80.6 | 81.3 | 81.5 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 2000 | 57.5 | 78.6 | 80.9 | 82.8 | 83.7 | 83.8 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| IV 1800 | 57.6 | 79.1 | 81.4 | 83.3 | 84.2 | 84.3 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 1500 | 58.4 | 80.6 | 83.1 | 85.2 | 86.2 | 86.3 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 1200 | 59.0 | 82.3 | 85.1 | 87.5 | 88.6 | 88.8 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 1000 | 59.5 | 83.8 | 86.7 | 89.4 | 90.7 | 90.8 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 900 | 59.5 | 84.0 | 87.3 | 90.0 | 91.3 | 91.5 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 800 | 59.8 | 85.0 | 88.3 | 91.3 | 92.8 | 93.1 | 93.6 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 700 | 60.0 | 85.7 | 89.4 | 92.5 | 94.0 | 94.3 | 94.8 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| IV 600 | 60.1 | 86.1 | 89.8 | 93.1 | 94.6 | 94.9 | 95.5 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 500 | 60.1 | 86.2 | 90.1 | 93.5 | 95.4 | 95.7 | 96.5 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 |
| IV 400 | 60.1 | 86.4 | 90.3 | 93.7 | 95.7 | 96.1 | 97.1 | 97.6 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 |
| IV 300 | 60.1 | 86.5 | 90.6 | 94.2 | 96.3 | 96.7 | 97.7 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 |
| IV 200 | 60.1 | 86.5 | 90.7 | 94.3 | 96.4 | 96.9 | 97.9 | 98.6 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 |
| IV 100 | 60.1 | 86.5 | 90.7 | 94.3 | 96.4 | 96.9 | 98.0 | 98.7 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.3 | 99.4 | 99.7 |
| IV 0 | 60.1 | 86.5 | 90.7 | 94.3 | 96.4 | 96.9 | 98.0 | 98.7 | 98.8 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2838

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

43-74
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LCT)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 42.2 | 56.9 | 57.8 | 58.4 | 58.7 | 58.7 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 20000 | 46.0 | 63.3 | 64.3 | 64.9 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 18000 | 46.0 | 63.4 | 64.4 | 64.9 | 65.3 | 65.3 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 16000 | 46.0 | 63.6 | 64.6 | 65.1 | 65.5 | 65.5 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| IV 14000 | 46.4 | 64.4 | 65.5 | 66.0 | 66.3 | 66.3 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| IV 12000 | 47.5 | 65.6 | 66.7 | 67.3 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| IV 10000 | 48.1 | 67.1 | 68.2 | 68.8 | 69.1 | 69.1 | 69.3 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| IV 9000 | 48.3 | 67.6 | 68.6 | 69.3 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| IV 8000 | 48.9 | 68.8 | 70.0 | 70.6 | 70.9 | 70.9 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| IV 7000 | 49.2 | 69.5 | 70.7 | 71.3 | 71.6 | 71.6 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 6000 | 49.3 | 69.9 | 71.1 | 71.8 | 72.1 | 72.1 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 5000 | 49.8 | 70.8 | 72.2 | 72.9 | 73.2 | 73.2 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 4500 | 49.8 | 71.0 | 72.3 | 73.1 | 73.4 | 73.4 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 4000 | 50.2 | 72.2 | 73.6 | 74.4 | 74.7 | 74.7 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 3500 | 50.4 | 72.7 | 74.1 | 74.9 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| IV 3000 | 50.7 | 74.0 | 75.4 | 76.5 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| IV 2500 | 51.1 | 74.9 | 76.5 | 77.8 | 78.2 | 78.2 | 78.4 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| IV 2000 | 51.8 | 76.4 | 78.2 | 79.5 | 79.9 | 79.9 | 80.2 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 1800 | 52.0 | 76.9 | 78.7 | 80.2 | 80.6 | 80.6 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 1500 | 52.5 | 78.2 | 80.2 | 81.7 | 82.3 | 82.3 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| IV 1200 | 53.4 | 80.5 | 82.7 | 84.7 | 85.4 | 85.4 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 1000 | 53.9 | 82.2 | 84.7 | 87.1 | 87.8 | 87.8 | 88.3 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| IV 900 | 54.3 | 83.5 | 86.0 | 88.3 | 89.2 | 89.2 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 800 | 54.6 | 84.0 | 86.6 | 89.1 | 90.0 | 90.0 | 90.5 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 700 | 54.9 | 84.9 | 87.8 | 90.5 | 91.6 | 91.6 | 92.2 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| IV 600 | 55.0 | 86.0 | 88.9 | 91.9 | 93.1 | 93.1 | 93.7 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| IV 500 | 55.1 | 86.7 | 89.8 | 93.2 | 94.5 | 94.5 | 95.3 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| IV 400 | 55.2 | 87.2 | 90.5 | 93.9 | 95.4 | 95.4 | 96.4 | 96.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 300 | 55.2 | 87.3 | 90.7 | 94.2 | 95.8 | 95.8 | 96.1 | 97.1 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 200 | 55.2 | 87.4 | 90.7 | 94.3 | 96.0 | 96.0 | 96.3 | 97.4 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 100 | 55.2 | 87.4 | 90.7 | 94.3 | 96.0 | 96.0 | 96.3 | 97.4 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 0 | 55.2 | 87.4 | 90.7 | 94.3 | 96.0 | 96.0 | 96.3 | 97.4 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS 2550

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-65,74

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 48.6 | 68.4 | 69.0 | 69.5 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| IV 20000 | 52.5 | 74.2 | 74.8 | 75.3 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| IV 18000 | 52.5 | 74.2 | 74.8 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| IV 16000 | 52.7 | 74.6 | 75.2 | 75.7 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 14000 | 53.4 | 75.4 | 76.0 | 76.5 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 12000 | 54.5 | 77.1 | 77.8 | 78.3 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 10000 | 55.4 | 78.7 | 79.3 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 9000 | 55.4 | 78.8 | 79.5 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 |
| IV 8000 | 55.9 | 80.5 | 81.1 | 81.7 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 7000 | 56.0 | 81.0 | 81.7 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| IV 6000 | 56.1 | 81.3 | 81.9 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| IV 5000 | 56.3 | 81.8 | 82.4 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| IV 4500 | 56.4 | 81.8 | 82.5 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 |
| IV 4000 | 56.9 | 82.5 | 83.1 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IV 3500 | 57.1 | 83.0 | 83.6 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 |
| IV 3000 | 57.5 | 83.9 | 84.7 | 85.3 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| IV 2500 | 58.1 | 85.2 | 86.0 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 |
| IV 2000 | 58.8 | 87.4 | 88.2 | 88.9 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 1800 | 59.2 | 88.1 | 88.9 | 89.6 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 |
| IV 1500 | 59.9 | 90.0 | 90.8 | 91.7 | 91.7 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 |
| IV 1200 | 60.6 | 92.2 | 93.4 | 94.2 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 |
| IV 1000 | 61.4 | 94.0 | 95.2 | 96.1 | 96.2 | 96.2 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 |
| IV 900 | 61.6 | 94.5 | 95.7 | 96.8 | 96.9 | 96.9 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 |
| IV 800 | 61.8 | 95.2 | 96.4 | 97.5 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 |
| IV 700 | 61.8 | 95.9 | 97.1 | 98.2 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 |
| IV 600 | 61.8 | 96.2 | 97.4 | 98.5 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 500 | 61.8 | 96.5 | 97.8 | 99.0 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 400 | 61.8 | 96.6 | 97.9 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 300 | 61.8 | 96.6 | 97.9 | 99.1 | 99.3 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 200 | 61.8 | 96.6 | 97.9 | 99.1 | 99.3 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 100 | 61.8 | 96.6 | 97.9 | 99.1 | 99.3 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 0 | 61.8 | 96.6 | 97.9 | 99.1 | 99.3 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2249

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65,67-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 38.8 | 59.1 | 60.7 | 61.6 | 62.3 | 62.4 | 62.5 | 62.5 | 62.5 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 20000 | 43.0 | 65.4 | 67.3 | 68.3 | 69.1 | 69.2 | 69.4 | 69.4 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| IV 18000 | 43.1 | 65.7 | 67.5 | 68.5 | 69.3 | 69.4 | 69.6 | 69.6 | 69.6 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| IV 16000 | 43.3 | 65.9 | 67.7 | 68.8 | 69.6 | 69.6 | 69.8 | 69.9 | 69.9 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| IV 14000 | 43.7 | 66.6 | 68.5 | 69.5 | 70.3 | 70.4 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 12000 | 44.7 | 68.6 | 70.4 | 71.5 | 72.3 | 72.4 | 72.5 | 72.6 | 72.6 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| IV 10000 | 45.8 | 70.6 | 72.5 | 73.6 | 74.5 | 74.5 | 74.7 | 74.8 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 |
| IV 9000 | 46.0 | 70.8 | 72.7 | 73.8 | 74.7 | 74.8 | 75.0 | 75.0 | 75.0 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV 8000 | 46.5 | 72.0 | 73.9 | 75.1 | 75.9 | 76.0 | 76.2 | 76.3 | 76.3 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 7000 | 47.2 | 73.2 | 75.3 | 76.4 | 77.3 | 77.4 | 77.6 | 77.7 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 |
| IV 6000 | 47.4 | 73.7 | 75.8 | 76.9 | 77.9 | 78.0 | 78.2 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 |
| IV 5000 | 48.0 | 74.7 | 76.8 | 77.9 | 78.9 | 79.0 | 79.2 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 |
| IV 4500 | 48.0 | 74.7 | 76.8 | 78.0 | 78.9 | 79.0 | 79.2 | 79.3 | 79.3 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| IV 4000 | 48.5 | 75.5 | 77.7 | 78.8 | 79.8 | 79.8 | 80.1 | 80.1 | 80.1 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 |
| IV 3500 | 48.8 | 76.2 | 78.4 | 79.6 | 80.5 | 80.6 | 80.9 | 80.9 | 80.9 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 |
| IV 3000 | 49.4 | 77.5 | 79.8 | 81.0 | 81.9 | 82.0 | 82.3 | 82.4 | 82.4 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| IV 2500 | 50.1 | 78.8 | 81.1 | 82.5 | 83.4 | 83.5 | 83.9 | 84.0 | 84.0 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 2000 | 51.1 | 81.4 | 83.8 | 85.4 | 86.3 | 86.4 | 86.9 | 86.9 | 86.9 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 |
| IV 1800 | 51.2 | 81.8 | 84.3 | 85.8 | 86.9 | 86.9 | 87.4 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 |
| IV 1500 | 52.4 | 84.4 | 87.0 | 88.5 | 89.6 | 89.7 | 90.2 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 |
| IV 1200 | 53.5 | 87.2 | 89.9 | 91.5 | 92.6 | 92.7 | 93.2 | 93.3 | 93.3 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 |
| IV 1000 | 54.0 | 88.9 | 91.7 | 93.5 | 94.6 | 94.7 | 95.3 | 95.4 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 |
| IV 900 | 54.2 | 89.6 | 92.4 | 94.2 | 95.3 | 95.4 | 96.0 | 96.1 | 96.1 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 |
| IV 800 | 54.3 | 90.2 | 93.1 | 95.0 | 96.1 | 96.2 | 96.8 | 96.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 |
| IV 700 | 54.5 | 90.7 | 93.6 | 95.5 | 96.8 | 96.9 | 97.6 | 97.7 | 97.7 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 |
| IV 600 | 54.6 | 90.9 | 93.9 | 95.8 | 97.1 | 97.2 | 97.9 | 98.0 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |
| IV 500 | 54.6 | 91.2 | 94.2 | 96.3 | 97.6 | 97.7 | 98.5 | 98.5 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| IV 400 | 54.7 | 91.3 | 94.4 | 96.5 | 97.9 | 98.1 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| IV 300 | 54.7 | 91.3 | 94.4 | 96.5 | 97.9 | 98.1 | 98.9 | 98.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 |
| IV 200 | 54.7 | 91.3 | 94.4 | 96.5 | 97.9 | 98.1 | 98.9 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 |
| IV 100 | 54.7 | 91.3 | 94.4 | 96.5 | 97.9 | 98.1 | 98.9 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 |
| IV 0 | 54.7 | 91.3 | 94.4 | 96.5 | 97.9 | 98.1 | 98.9 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2619

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUOXI
STATION NAME

42-74
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1" | ≥ 0 |
| NO CEILING | 36.9 | 50.6 | 51.8 | 52.2 | 52.5 | 52.6 | 52.7 | 52.7 | 52.7 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 20000 | 44.2 | 61.1 | 62.5 | 63.1 | 63.5 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 |
| IV 13000 | 44.5 | 61.4 | 62.8 | 63.4 | 63.8 | 63.9 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 |
| IV 16000 | 44.6 | 61.5 | 62.9 | 63.5 | 63.9 | 64.0 | 64.2 | 64.2 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| IV 14000 | 45.3 | 62.4 | 63.8 | 64.4 | 64.8 | 64.9 | 65.1 | 65.1 | 65.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| IV 12000 | 46.8 | 64.5 | 66.0 | 66.6 | 67.0 | 67.1 | 67.3 | 67.3 | 67.3 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| IV 10000 | 48.5 | 67.2 | 68.9 | 69.6 | 70.3 | 70.4 | 70.5 | 70.5 | 70.6 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 9000 | 49.0 | 67.8 | 69.6 | 70.3 | 70.9 | 71.0 | 71.2 | 71.2 | 71.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| IV 8000 | 50.3 | 70.0 | 71.8 | 72.7 | 73.4 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| IV 7000 | 50.9 | 70.9 | 72.8 | 73.7 | 74.4 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 6000 | 51.4 | 71.8 | 73.7 | 74.7 | 75.3 | 75.4 | 75.6 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 5000 | 52.3 | 73.0 | 75.0 | 75.9 | 76.6 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| IV 4500 | 52.4 | 73.3 | 75.2 | 76.2 | 76.9 | 77.0 | 77.2 | 77.2 | 77.2 | 77.3 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 |
| IV 4000 | 52.9 | 74.2 | 76.3 | 77.2 | 77.9 | 78.0 | 78.2 | 78.2 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 3500 | 53.2 | 74.9 | 77.0 | 78.0 | 78.8 | 78.9 | 79.1 | 79.1 | 79.1 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 |
| IV 3000 | 54.1 | 76.1 | 78.3 | 79.3 | 80.1 | 80.2 | 80.4 | 80.4 | 80.5 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 2500 | 55.3 | 77.8 | 80.1 | 81.2 | 82.0 | 82.1 | 82.4 | 82.4 | 82.5 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| IV 2000 | 57.4 | 81.3 | 83.6 | 84.8 | 85.7 | 85.8 | 86.1 | 86.1 | 86.1 | 86.2 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 1800 | 57.8 | 81.9 | 84.3 | 85.5 | 86.4 | 86.5 | 86.9 | 86.9 | 86.9 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV 1500 | 59.5 | 84.5 | 87.0 | 88.2 | 89.2 | 89.3 | 89.7 | 89.7 | 89.8 | 89.8 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 |
| IV 1200 | 60.5 | 86.6 | 89.3 | 90.6 | 91.6 | 91.7 | 92.2 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 1000 | 61.2 | 88.0 | 90.9 | 92.3 | 93.4 | 93.6 | 94.0 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 900 | 61.6 | 88.7 | 91.7 | 93.1 | 94.2 | 94.3 | 94.8 | 95.0 | 95.0 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 800 | 62.1 | 89.6 | 92.8 | 94.2 | 95.4 | 95.6 | 96.1 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 700 | 62.4 | 90.2 | 93.5 | 95.0 | 96.2 | 96.4 | 97.0 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 |
| IV 600 | 62.5 | 90.5 | 93.8 | 95.3 | 96.6 | 96.9 | 97.4 | 97.6 | 97.6 | 97.7 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 500 | 62.7 | 91.0 | 94.4 | 96.0 | 97.4 | 97.7 | 98.3 | 98.5 | 98.5 | 98.6 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 400 | 62.7 | 91.1 | 94.6 | 96.3 | 97.7 | 98.0 | 98.6 | 98.8 | 98.9 | 99.0 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 300 | 62.7 | 91.2 | 94.6 | 96.3 | 97.8 | 98.2 | 98.9 | 99.1 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 |
| IV 200 | 62.7 | 91.2 | 94.6 | 96.3 | 97.9 | 98.2 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 |
| IV 100 | 62.7 | 91.2 | 94.6 | 96.3 | 97.9 | 98.2 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 |
| IV 0 | 62.7 | 91.2 | 94.6 | 96.3 | 97.9 | 98.2 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3097

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 47.4 55.9 | 57.8 68.0 | 58.0 68.2 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 | 58.1 68.3 |
| IV 18000 IV 16000 | 56.1 56.3 | 68.3 68.5 | 68.5 68.6 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 | 68.6 68.8 |
| IV 14000 IV 12000 | 57.1 58.9 | 69.4 71.7 | 69.6 71.9 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 | 69.8 72.1 |
| IV 10000 IV 9000 | 60.4 60.8 | 73.9 74.4 | 74.2 74.8 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 | 74.3 74.9 |
| IV 8000 IV 7000 | 61.8 62.5 | 76.0 77.1 | 76.5 77.6 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 | 76.6 77.8 |
| IV 6000 IV 5000 | 63.0 63.5 | 78.1 79.1 | 78.7 79.7 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 | 78.9 79.9 |
| IV 4500 IV 4000 | 63.6 64.4 | 79.2 80.3 | 79.9 81.3 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 | 80.1 81.5 |
| IV 3500 IV 3000 | 64.8 66.0 | 81.1 83.0 | 82.1 84.1 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 | 82.4 84.5 |
| IV 2500 IV 2000 | 67.9 70.1 | 85.4 88.6 | 86.7 89.9 | 87.1 90.3 | 87.2 90.4 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 | 87.2 90.5 |
| IV 1800 IV 1500 | 70.4 72.6 | 89.1 92.1 | 90.4 93.6 | 90.8 94.1 | 90.9 94.2 | 90.9 94.3 | 91.0 94.4 | 91.0 94.4 | 91.0 94.4 | 91.0 94.4 | 91.0 94.4 | 91.0 94.4 | 91.0 94.4 | 91.0 94.4 | 91.0 94.4 | 91.0 94.4 |
| IV 1200 IV 1000 | 73.8 74.5 | 94.2 95.1 | 95.7 96.7 | 96.3 97.4 | 96.5 97.6 | 96.7 97.7 | 96.7 97.8 | 96.7 97.8 | 96.7 97.8 | 96.7 97.8 | 96.7 97.8 | 96.7 97.8 | 96.7 97.8 | 96.7 97.8 | 96.7 97.8 | 96.7 97.8 |
| IV 900 IV 800 | 74.7 74.8 | 95.5 95.8 | 97.1 97.4 | 97.7 98.1 | 98.2 98.6 | 98.3 98.7 | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 |
| IV 700 IV 500 | 74.9 74.9 | 96.1 96.0 | 97.6 97.7 | 98.3 98.4 | 98.8 99.0 | 99.0 99.2 | 99.1 99.3 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 |
| IV 500 IV 400 | 74.9 74.9 | 96.1 96.2 | 97.7 97.9 | 98.5 98.7 | 99.1 99.3 | 99.3 99.5 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 |
| IV 300 IV 200 | 74.9 74.9 | 96.2 96.2 | 97.9 97.9 | 98.7 98.7 | 99.3 99.3 | 99.5 99.5 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 |
| IV 100 IV 0 | 74.9 74.9 | 96.2 96.2 | 97.9 97.9 | 98.7 98.7 | 99.3 99.3 | 99.5 99.5 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 |

TOTAL NUMBER OF OBSERVATIONS 3062

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILLOXI

42-74

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 49.3 | 59.0 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| IV 20000 | 60.1 | 71.2 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| IV 18000 | 60.3 | 71.4 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| IV 16000 | 60.3 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| IV 14000 | 60.6 | 72.2 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| IV 12000 | 62.0 | 74.0 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| IV 10000 | 63.3 | 76.0 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 9000 | 63.8 | 76.6 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| IV 8000 | 65.0 | 78.4 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IV 7000 | 65.6 | 79.5 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| IV 6000 | 65.8 | 79.9 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 5000 | 66.4 | 80.6 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 4500 | 66.5 | 80.8 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| IV 4000 | 67.3 | 82.0 | 82.5 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 3500 | 67.9 | 82.8 | 83.4 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IV 3000 | 69.8 | 85.2 | 85.8 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 2500 | 71.6 | 87.8 | 88.6 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 2000 | 74.3 | 91.4 | 92.2 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| IV 1800 | 74.6 | 91.8 | 92.5 | 93.1 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 1500 | 76.0 | 93.7 | 94.6 | 95.3 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| IV 1200 | 76.5 | 94.7 | 95.7 | 96.4 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 1000 | 77.1 | 95.6 | 96.7 | 97.5 | 98.1 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 900 | 77.1 | 95.7 | 96.8 | 97.6 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 800 | 77.4 | 96.0 | 97.3 | 98.0 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 700 | 77.4 | 96.1 | 97.3 | 98.1 | 98.8 | 99.0 | 99.1 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 600 | 77.4 | 96.2 | 97.4 | 98.3 | 99.0 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 77.4 | 96.2 | 97.5 | 98.4 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 77.4 | 96.3 | 97.5 | 98.4 | 99.1 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 77.4 | 96.3 | 97.5 | 98.4 | 99.1 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 77.4 | 96.3 | 97.6 | 98.5 | 99.2 | 99.4 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 100 | 77.4 | 96.3 | 97.6 | 98.5 | 99.2 | 99.4 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 0 | 77.4 | 96.3 | 97.6 | 98.5 | 99.2 | 99.4 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3057

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/EALUXI
STATION NAME

42-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 48.9 | 58.4 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| IV 20000 | 59.5 | 71.7 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 18000 | 59.6 | 71.8 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| IV 16000 | 59.8 | 72.1 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 14000 | 60.7 | 72.9 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| IV 12000 | 62.6 | 75.1 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| IV 10000 | 63.9 | 77.5 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IV 9000 | 64.4 | 78.1 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IV 8000 | 65.8 | 80.2 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| IV 7000 | 66.9 | 81.7 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| IV 6000 | 67.2 | 82.3 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 5000 | 67.9 | 83.6 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 4500 | 68.1 | 83.9 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 4000 | 69.1 | 85.4 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| IV 3500 | 69.9 | 86.5 | 87.4 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 3000 | 70.9 | 88.0 | 88.9 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 2500 | 72.3 | 90.0 | 91.0 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 2000 | 73.9 | 92.1 | 93.1 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 1800 | 74.0 | 92.3 | 93.3 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IV 1500 | 74.5 | 93.5 | 94.6 | 95.1 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 1200 | 75.1 | 94.5 | 95.7 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 1000 | 75.8 | 95.6 | 96.9 | 97.6 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 900 | 75.8 | 95.7 | 97.1 | 97.9 | 98.5 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 800 | 76.0 | 95.9 | 97.3 | 98.1 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 700 | 76.1 | 96.1 | 97.5 | 98.4 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 600 | 76.2 | 96.3 | 97.7 | 98.5 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 500 | 76.2 | 96.3 | 97.7 | 98.6 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 76.2 | 96.3 | 97.7 | 98.6 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 300 | 76.2 | 96.3 | 97.7 | 98.6 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 200 | 76.2 | 96.3 | 97.7 | 98.6 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 100 | 76.2 | 96.3 | 97.7 | 98.6 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 0 | 76.2 | 96.3 | 97.8 | 98.6 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3045

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 5/16 | ≥ 1/4 |
| NO CEILING | 47.6 | 58.9 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| IV 20000 | 57.7 | 72.0 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 18000 | 57.7 | 72.9 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| IV 16000 | 57.8 | 73.0 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 14000 | 58.6 | 74.1 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 12000 | 60.0 | 76.0 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 10000 | 61.5 | 78.6 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| IV 9000 | 62.0 | 79.2 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| IV 8000 | 63.1 | 81.0 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 7000 | 63.9 | 82.1 | 82.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| IV 6000 | 64.2 | 82.7 | 83.5 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IV 5000 | 64.6 | 83.4 | 84.4 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| IV 4500 | 64.6 | 83.5 | 84.5 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV 4000 | 65.3 | 84.8 | 85.8 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 3500 | 65.7 | 85.5 | 86.6 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IV 3000 | 66.2 | 86.9 | 87.9 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 2500 | 66.7 | 87.7 | 88.8 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 2000 | 68.1 | 89.7 | 90.8 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 1800 | 68.2 | 89.9 | 91.0 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 1500 | 69.0 | 91.5 | 92.6 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 1200 | 69.9 | 93.1 | 94.5 | 95.2 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 1000 | 70.6 | 94.6 | 96.2 | 97.0 | 97.2 | 97.3 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 900 | 71.0 | 95.1 | 96.7 | 97.7 | 97.9 | 98.0 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |
| IV 800 | 71.1 | 95.5 | 97.1 | 98.1 | 98.3 | 98.4 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| IV 700 | 71.2 | 95.7 | 97.4 | 98.3 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 600 | 71.3 | 95.8 | 97.5 | 98.5 | 98.7 | 98.9 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 500 | 71.4 | 96.0 | 97.7 | 98.7 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 71.4 | 96.1 | 97.8 | 98.8 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 300 | 71.5 | 96.1 | 97.9 | 98.8 | 99.1 | 99.3 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 200 | 71.5 | 96.1 | 97.9 | 98.8 | 99.1 | 99.3 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 100 | 71.5 | 96.1 | 97.9 | 98.8 | 99.1 | 99.3 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 0 | 71.5 | 96.1 | 97.9 | 98.8 | 99.1 | 99.3 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3015

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 51.3 | 67.9 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| IV 20000 | 56.5 | 75.5 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 18000 | 56.6 | 75.6 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 16000 | 56.8 | 75.8 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| IV 14000 | 57.8 | 77.2 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| IV 12000 | 58.7 | 78.7 | 79.2 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 10000 | 59.4 | 80.2 | 80.8 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| IV 9000 | 59.5 | 80.6 | 81.2 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 8000 | 60.1 | 82.1 | 82.7 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| IV 7000 | 60.4 | 82.5 | 83.1 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 6000 | 60.5 | 82.9 | 83.5 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| IV 5000 | 61.1 | 84.1 | 84.7 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| IV 4500 | 61.1 | 84.1 | 84.8 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| IV 4000 | 61.7 | 85.1 | 85.8 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 3500 | 62.0 | 85.5 | 86.3 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 3000 | 62.5 | 86.8 | 87.7 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV 2500 | 63.1 | 87.8 | 88.7 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV 2000 | 64.0 | 89.4 | 90.4 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IV 1800 | 64.2 | 89.9 | 90.9 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 1500 | 65.1 | 91.5 | 92.5 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 1200 | 66.1 | 93.4 | 94.6 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 1000 | 66.9 | 95.1 | 96.5 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| IV 900 | 67.0 | 95.5 | 96.8 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 800 | 67.1 | 96.0 | 97.4 | 98.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 700 | 67.1 | 96.5 | 98.0 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 600 | 67.2 | 96.8 | 98.3 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 67.3 | 97.0 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 67.3 | 97.0 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 67.3 | 97.0 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 67.3 | 97.0 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 67.3 | 97.0 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 67.3 | 97.0 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2536

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65, 71, 74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 56.3 | 74.4 | 75.0 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 |
| IV 20000 | 60.4 | 80.1 | 80.7 | 81.4 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| IV 18000 | 60.5 | 80.3 | 80.8 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 16000 | 60.8 | 80.6 | 81.1 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV 14000 | 61.5 | 81.6 | 82.2 | 82.9 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 12000 | 62.8 | 83.6 | 84.1 | 85.0 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| IV 10000 | 63.7 | 84.9 | 85.6 | 86.4 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 9000 | 63.7 | 85.0 | 85.7 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 8000 | 64.1 | 85.6 | 86.4 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 |
| IV 7000 | 64.4 | 86.3 | 87.0 | 87.9 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| IV 6000 | 64.6 | 86.6 | 87.3 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 5000 | 64.7 | 86.7 | 87.4 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| IV 4500 | 64.7 | 86.9 | 87.6 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 |
| IV 4000 | 64.9 | 87.5 | 88.3 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 |
| IV 3500 | 65.2 | 88.1 | 88.9 | 89.8 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 3000 | 66.2 | 89.4 | 90.3 | 91.2 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 2500 | 66.8 | 90.9 | 91.9 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 |
| IV 2000 | 68.1 | 93.2 | 94.2 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| IV 1800 | 68.4 | 93.9 | 94.9 | 96.0 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 1500 | 69.1 | 95.5 | 96.6 | 97.6 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 1200 | 69.3 | 96.0 | 97.2 | 98.4 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 1000 | 69.3 | 96.2 | 97.4 | 98.6 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 900 | 69.3 | 96.2 | 97.4 | 98.6 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| IV 800 | 69.3 | 96.2 | 97.5 | 98.7 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 700 | 69.3 | 96.2 | 97.5 | 98.7 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 600 | 69.4 | 96.3 | 97.6 | 98.8 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 500 | 69.4 | 96.3 | 97.6 | 98.8 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 400 | 69.4 | 96.4 | 97.7 | 98.9 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 300 | 69.4 | 96.4 | 97.8 | 99.0 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 200 | 69.4 | 96.4 | 97.8 | 99.0 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 100 | 69.4 | 96.4 | 97.8 | 99.0 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 0 | 69.4 | 96.4 | 97.8 | 99.0 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2250

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65,67-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 46.1 | 63.8 | 65.5 | 66.6 | 66.9 | 66.9 | 67.1 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 20000 | 51.0 | 71.3 | 73.1 | 74.4 | 74.7 | 74.7 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 |
| IV 18000 | 51.1 | 71.4 | 73.2 | 74.5 | 74.8 | 74.8 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 |
| IV 16000 | 51.3 | 71.7 | 73.5 | 74.8 | 75.1 | 75.1 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 |
| IV 14000 | 52.2 | 73.2 | 75.0 | 76.3 | 76.7 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 |
| IV 12000 | 54.0 | 75.5 | 77.6 | 79.0 | 79.3 | 79.3 | 79.5 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 |
| IV 10000 | 55.4 | 77.4 | 79.5 | 81.0 | 81.3 | 81.3 | 81.5 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 |
| IV 9000 | 55.6 | 77.8 | 79.8 | 81.3 | 81.6 | 81.6 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 |
| IV 8000 | 56.2 | 78.6 | 80.7 | 82.1 | 82.5 | 82.5 | 82.7 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 |
| IV 7000 | 56.9 | 79.8 | 81.9 | 83.4 | 83.8 | 83.8 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.3 | 84.3 | 84.3 |
| IV 6000 | 57.4 | 80.6 | 82.7 | 84.2 | 84.5 | 84.5 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 |
| IV 5000 | 57.8 | 81.2 | 83.3 | 84.8 | 85.1 | 85.1 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 |
| IV 4500 | 57.8 | 81.3 | 83.4 | 84.8 | 85.2 | 85.2 | 85.4 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 |
| IV 4000 | 58.1 | 82.0 | 84.1 | 85.6 | 85.9 | 85.9 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 | 86.5 | 86.5 | 86.5 |
| IV 3500 | 58.7 | 82.6 | 84.7 | 86.2 | 86.6 | 86.6 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 |
| IV 3000 | 59.2 | 84.0 | 86.1 | 87.8 | 88.1 | 88.1 | 88.3 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 2500 | 59.9 | 85.5 | 87.7 | 89.4 | 89.8 | 89.8 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 2000 | 61.6 | 88.6 | 91.0 | 92.8 | 93.3 | 93.3 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 |
| IV 1800 | 61.8 | 89.2 | 91.5 | 93.4 | 93.9 | 93.9 | 94.2 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 |
| IV 1500 | 63.0 | 90.9 | 93.5 | 95.5 | 96.0 | 96.0 | 96.4 | 96.5 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 |
| IV 1200 | 63.4 | 91.6 | 94.4 | 96.3 | 96.9 | 96.9 | 97.3 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 |
| IV 1000 | 63.5 | 91.9 | 94.8 | 96.9 | 97.5 | 97.5 | 97.9 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 900 | 63.5 | 92.0 | 94.9 | 96.9 | 97.6 | 97.6 | 98.0 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| IV 800 | 63.5 | 92.1 | 94.9 | 97.1 | 97.8 | 97.8 | 98.2 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 |
| IV 700 | 63.5 | 92.1 | 95.0 | 97.3 | 98.0 | 98.0 | 98.4 | 98.5 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 |
| IV 600 | 63.5 | 92.2 | 95.1 | 97.4 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 |
| IV 500 | 63.5 | 92.2 | 95.2 | 97.5 | 98.2 | 98.3 | 98.7 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 400 | 63.5 | 92.2 | 95.2 | 97.5 | 98.3 | 98.3 | 98.7 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 300 | 63.5 | 92.3 | 95.3 | 97.6 | 98.4 | 98.4 | 98.8 | 99.0 | 99.0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 200 | 63.5 | 92.3 | 95.3 | 97.6 | 98.4 | 98.4 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 100 | 63.5 | 92.3 | 95.3 | 97.6 | 98.4 | 98.4 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 0 | 63.5 | 92.3 | 95.3 | 97.6 | 98.4 | 98.4 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2554

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 44.3 | 58.9 | 60.2 | 60.7 | 61.0 | 61.1 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 20000 | 52.0 | 69.7 | 71.1 | 71.8 | 72.1 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 |
| IV 18000 | 52.2 | 69.9 | 71.4 | 72.1 | 72.4 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| IV 16000 | 52.5 | 70.5 | 71.9 | 72.6 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 |
| IV 14000 | 54.0 | 72.4 | 73.8 | 74.5 | 74.9 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 |
| IV 12000 | 55.9 | 74.8 | 76.3 | 77.1 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| IV 10000 | 57.9 | 77.5 | 79.1 | 80.0 | 80.4 | 80.5 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 9000 | 58.6 | 78.3 | 80.0 | 80.9 | 81.2 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 |
| IV 8000 | 59.9 | 80.3 | 82.0 | 83.0 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 7000 | 60.5 | 81.5 | 83.3 | 84.2 | 84.6 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV 6000 | 60.7 | 81.9 | 83.7 | 84.7 | 85.0 | 85.1 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| IV 5000 | 61.3 | 82.6 | 84.4 | 85.4 | 85.7 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 |
| IV 4500 | 61.4 | 82.8 | 84.5 | 85.5 | 85.9 | 86.0 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| IV 4000 | 61.6 | 83.0 | 84.8 | 85.7 | 86.1 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 |
| IV 3500 | 61.8 | 83.2 | 85.0 | 85.9 | 86.3 | 86.4 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 3000 | 62.3 | 84.1 | 85.9 | 86.9 | 87.3 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 2500 | 64.2 | 86.5 | 88.3 | 89.3 | 89.8 | 89.9 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| IV 2000 | 65.9 | 88.8 | 90.7 | 91.9 | 92.4 | 92.6 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 1800 | 66.4 | 89.5 | 91.5 | 92.7 | 93.2 | 93.4 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 1500 | 67.8 | 91.4 | 93.5 | 94.7 | 95.4 | 95.6 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 1200 | 68.2 | 92.3 | 94.6 | 95.9 | 96.7 | 96.9 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| IV 1000 | 68.4 | 92.9 | 95.5 | 96.8 | 97.6 | 97.8 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 900 | 68.5 | 93.0 | 95.6 | 97.0 | 97.8 | 98.0 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| IV 800 | 68.6 | 93.2 | 95.8 | 97.2 | 98.1 | 98.3 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| IV 700 | 68.6 | 93.2 | 95.8 | 97.3 | 98.2 | 98.3 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 600 | 68.7 | 93.2 | 95.9 | 97.4 | 98.3 | 98.5 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 500 | 68.7 | 93.3 | 96.1 | 97.5 | 98.5 | 98.7 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 68.7 | 93.4 | 96.1 | 97.6 | 98.6 | 98.9 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| IV 300 | 68.7 | 93.4 | 96.2 | 97.7 | 98.7 | 98.9 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| IV 200 | 68.7 | 93.5 | 96.2 | 97.7 | 98.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 68.7 | 93.5 | 96.2 | 97.7 | 98.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 0 | 68.7 | 93.5 | 96.2 | 97.7 | 98.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2908

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILGX
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 50.2 | 61.3 | 61.6 | 61.8 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| IV 20000 | 58.6 | 71.6 | 72.0 | 72.2 | 72.2 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 18000 | 58.8 | 71.9 | 72.2 | 72.4 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| IV 16000 | 58.9 | 72.1 | 72.5 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| IV 14000 | 60.5 | 73.9 | 74.3 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| IV 12000 | 63.3 | 77.1 | 77.5 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IV 10000 | 65.4 | 79.9 | 80.5 | 80.8 | 80.9 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 9000 | 65.9 | 80.6 | 81.2 | 81.5 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 8000 | 66.8 | 82.1 | 82.8 | 83.1 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| IV 7000 | 67.4 | 83.2 | 83.9 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 6000 | 67.5 | 83.5 | 84.2 | 84.5 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| IV 5000 | 67.7 | 83.8 | 84.5 | 84.9 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| IV 4500 | 67.7 | 83.8 | 84.6 | 84.9 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| IV 4000 | 68.0 | 84.4 | 85.2 | 85.5 | 85.6 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 3500 | 68.4 | 84.9 | 85.7 | 86.0 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 3000 | 69.7 | 86.7 | 87.6 | 87.9 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV 2500 | 72.3 | 89.8 | 90.8 | 91.1 | 91.3 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 2000 | 74.5 | 92.7 | 93.7 | 94.1 | 94.4 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IV 1800 | 74.9 | 93.4 | 94.4 | 94.8 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 1500 | 76.1 | 95.2 | 96.3 | 96.9 | 97.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 1200 | 76.5 | 95.9 | 97.1 | 97.7 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1000 | 76.7 | 96.4 | 97.7 | 98.3 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 900 | 76.7 | 96.4 | 97.7 | 98.3 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 800 | 76.8 | 96.5 | 97.8 | 98.4 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700 | 76.8 | 96.5 | 97.8 | 98.5 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 76.8 | 96.5 | 97.8 | 98.6 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500 | 76.9 | 96.6 | 97.8 | 98.6 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 76.9 | 96.6 | 97.8 | 98.6 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 76.9 | 96.6 | 97.8 | 98.6 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 76.9 | 96.6 | 97.8 | 98.6 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IV 100 | 76.9 | 96.6 | 97.8 | 98.6 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 0 | 76.9 | 96.6 | 97.8 | 98.6 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2903

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 48.5 59.9 | 58.0 72.8 | 58.7 73.6 | 59.1 74.0 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 | 59.3 74.2 |
| IV 18000 IV 16000 | 60.2 60.3 | 73.0 73.2 | 73.9 74.0 | 74.2 74.4 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 | 74.4 74.6 |
| IV 14000 IV 12000 | 61.8 64.1 | 74.9 77.8 | 75.7 78.8 | 76.2 79.3 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 | 76.4 79.6 |
| IV 10000 IV 9000 | 66.1 66.5 | 80.5 81.0 | 81.5 82.0 | 82.1 82.6 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 | 82.4 82.9 |
| IV 8000 IV 7000 | 67.7 68.8 | 82.5 84.1 | 83.5 85.1 | 84.2 85.7 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 | 84.5 86.0 |
| IV 6000 IV 5000 | 68.9 69.1 | 84.3 84.6 | 85.3 85.6 | 85.9 86.2 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 | 86.2 86.5 |
| IV 4500 IV 4000 | 69.4 69.9 | 84.9 85.7 | 85.9 86.7 | 86.6 87.3 | 86.9 87.7 | 86.9 87.7 | 86.9 87.8 | 86.9 87.8 | 86.9 87.8 | 86.9 87.8 | 86.9 87.8 | 86.9 87.8 | 86.9 87.8 | 86.9 87.8 | 86.9 87.8 | 86.9 87.8 |
| IV 3500 IV 3000 | 70.2 71.8 | 86.2 88.4 | 87.2 89.6 | 87.9 90.3 | 88.2 90.7 | 88.2 90.7 | 88.3 90.8 | 88.3 90.8 | 88.3 90.8 | 88.3 90.8 | 88.3 90.8 | 88.3 90.8 | 88.3 90.8 | 88.3 90.8 | 88.3 90.8 | 88.3 90.8 |
| IV 2500 IV 2000 | 74.2 75.5 | 91.3 93.4 | 92.5 94.8 | 93.2 95.6 | 93.8 96.1 | 93.8 96.2 | 93.9 96.4 | 94.0 96.4 | 94.0 96.5 | 94.0 96.5 | 94.0 96.5 | 94.0 96.5 | 94.0 96.5 | 94.0 96.5 | 94.0 96.5 | 94.0 96.5 |
| IV 1800 IV 1500 | 76.0 76.5 | 94.1 94.9 | 95.4 96.2 | 96.3 97.2 | 96.9 97.8 | 96.9 97.9 | 97.2 98.2 | 97.3 98.3 | 97.3 98.3 | 97.3 98.3 | 97.3 98.3 | 97.3 98.3 | 97.3 98.3 | 97.3 98.3 | 97.3 98.3 | 97.3 98.3 |
| IV 1200 IV 1000 | 77.0 77.0 | 95.4 95.6 | 96.8 97.0 | 97.8 98.1 | 98.6 98.9 | 98.6 99.0 | 99.0 99.3 | 99.0 99.4 | 99.0 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.4 | 99.1 99.5 | 99.1 99.5 | 99.1 99.5 |
| IV 900 IV 800 | 77.0 77.0 | 95.6 95.6 | 97.0 97.0 | 98.1 98.1 | 98.9 99.0 | 99.0 99.0 | 99.3 99.5 | 99.4 99.5 | 99.4 99.5 | 99.4 99.6 | 99.4 99.6 | 99.5 99.6 | 99.5 99.6 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 |
| IV 700 IV 600 | 77.0 77.0 | 95.6 95.6 | 97.0 97.0 | 98.1 98.1 | 99.1 99.1 | 99.1 99.1 | 99.6 99.6 | 99.6 99.6 | 99.6 99.6 | 99.8 99.8 | 99.8 99.8 | 99.8 99.8 | 99.8 99.8 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |
| IV 500 IV 400 | 77.0 77.0 | 95.6 95.6 | 97.0 97.0 | 98.1 98.1 | 99.1 99.1 | 99.1 99.1 | 99.6 99.6 | 99.6 99.6 | 99.6 99.6 | 99.8 99.8 | 99.8 99.8 | 99.8 99.8 | 99.8 99.8 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |
| IV 300 IV 200 | 77.0 77.0 | 95.6 95.6 | 97.0 97.0 | 98.1 98.1 | 99.1 99.1 | 99.1 99.1 | 99.6 99.6 | 99.6 99.6 | 99.6 99.6 | 99.8 99.8 | 99.8 99.8 | 99.8 99.8 | 99.8 99.8 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |
| IV 100 IV 0 | 77.0 77.0 | 95.6 95.6 | 97.0 97.0 | 98.1 98.1 | 99.1 99.1 | 99.1 99.1 | .6 99.6 | 99.6 99.6 | 99.6 99.6 | 99.8 99.8 | 99.8 99.8 | 99.8 99.8 | 99.8 99.8 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2915

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 44.3 | 54.4 | 54.9 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 20000 | 59.0 | 72.7 | 73.3 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 18000 | 59.3 | 73.0 | 73.6 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 16000 | 59.6 | 73.4 | 74.0 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| IV 14000 | 61.6 | 75.7 | 76.2 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 12000 | 63.6 | 78.0 | 78.6 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 10000 | 65.8 | 81.1 | 81.7 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| IV 9000 | 66.4 | 81.7 | 82.4 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 8000 | 68.3 | 84.3 | 85.0 | 85.5 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 7000 | 69.2 | 85.6 | 86.3 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV 6000 | 69.5 | 86.0 | 86.8 | 87.3 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 5000 | 69.7 | 86.5 | 87.2 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 4500 | 69.9 | 86.9 | 87.6 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 4000 | 70.6 | 87.7 | 88.5 | 89.0 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 3500 | 70.9 | 88.2 | 89.0 | 89.5 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 3000 | 72.0 | 89.7 | 90.6 | 91.3 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| IV 2500 | 73.0 | 91.2 | 92.2 | 92.9 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| IV 2000 | 74.2 | 93.4 | 94.5 | 95.2 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 1800 | 74.3 | 93.6 | 94.8 | 95.6 | 96.2 | 96.2 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 1500 | 74.8 | 94.5 | 95.7 | 96.5 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 1200 | 75.5 | 95.3 | 96.6 | 97.6 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1000 | 75.7 | 95.8 | 97.1 | 98.2 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 900 | 75.7 | 95.8 | 97.2 | 98.2 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| IV 800 | 75.7 | 95.9 | 97.2 | 98.3 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 700 | 75.7 | 95.9 | 97.2 | 98.3 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 75.7 | 95.9 | 97.2 | 98.3 | 99.2 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500 | 75.7 | 95.9 | 97.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 75.7 | 95.9 | 97.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 75.7 | 95.9 | 97.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 75.7 | 95.9 | 97.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 75.7 | 95.9 | 97.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 75.7 | 95.9 | 97.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2926

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 43.5 | 54.2 | 54.8 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 20000 | 57.7 | 71.8 | 72.7 | 73.0 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 18000 | 57.9 | 72.1 | 72.9 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| IV 16000 | 58.1 | 72.5 | 73.3 | 73.7 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| IV 14000 | 59.4 | 74.4 | 75.2 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| IV 12000 | 62.0 | 78.0 | 78.9 | 79.3 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| IV 10000 | 64.9 | 81.8 | 82.7 | 83.3 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 9000 | 65.5 | 82.7 | 83.5 | 84.2 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 8000 | 66.9 | 84.7 | 85.7 | 86.6 | 86.8 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV 7000 | 67.5 | 85.6 | 86.7 | 87.6 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 6000 | 67.8 | 86.0 | 87.0 | 87.9 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 5000 | 68.0 | 86.5 | 87.6 | 88.5 | 88.7 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 4500 | 68.1 | 86.7 | 87.8 | 88.7 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 4000 | 68.7 | 87.9 | 89.1 | 90.0 | 90.2 | 90.2 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 3500 | 68.9 | 88.3 | 89.5 | 90.4 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 3000 | 69.6 | 89.9 | 91.1 | 92.1 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 2500 | 70.4 | 91.3 | 92.7 | 93.7 | 94.0 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 2000 | 71.8 | 93.4 | 94.9 | 96.0 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 1800 | 71.8 | 93.4 | 94.9 | 96.0 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 1500 | 72.6 | 94.5 | 96.1 | 97.2 | 97.7 | 97.7 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 1200 | 73.1 | 95.1 | 96.7 | 97.9 | 98.4 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1000 | 73.2 | 95.5 | 97.3 | 98.6 | 99.2 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 900 | 73.2 | 95.5 | 97.3 | 98.6 | 99.2 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| IV 800 | 73.2 | 95.6 | 97.3 | 98.7 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 700 | 73.2 | 95.6 | 97.3 | 98.7 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 600 | 73.2 | 95.6 | 97.4 | 98.7 | 99.3 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 73.2 | 95.6 | 97.4 | 98.7 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 400 | 73.2 | 95.6 | 97.4 | 98.7 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 300 | 73.2 | 95.6 | 97.4 | 98.7 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 200 | 73.2 | 95.6 | 97.4 | 98.7 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 100 | 73.2 | 95.6 | 97.4 | 98.7 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 0 | 73.3 | 95.6 | 97.4 | 98.8 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2918

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NC CEILING ≥ 20000 | 53.8 | 68.6 | 69.4 | 70.0 | 70.2 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| IV 18000 | 61.8 | 78.8 | 79.6 | 80.3 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 16000 | 61.8 | 79.0 | 79.7 | 80.4 | 80.6 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| IV 14000 | 62.0 | 79.2 | 80.0 | 80.6 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 12000 | 62.7 | 80.4 | 81.2 | 81.8 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 10000 | 64.3 | 82.6 | 83.4 | 84.1 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 9000 | 66.0 | 85.3 | 86.2 | 87.0 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 8000 | 66.2 | 85.6 | 86.5 | 87.4 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 7000 | 66.7 | 86.8 | 87.6 | 88.6 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| IV 6000 | 67.4 | 87.8 | 88.6 | 89.6 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| IV 5000 | 67.7 | 88.1 | 89.0 | 90.0 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| IV 4500 | 67.8 | 88.5 | 89.4 | 90.4 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 4000 | 68.2 | 88.9 | 89.8 | 90.8 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 3500 | 68.5 | 89.4 | 90.3 | 91.4 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 3000 | 68.6 | 89.7 | 90.7 | 91.8 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 2500 | 69.2 | 91.0 | 92.0 | 93.2 | 93.4 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| IV 2000 | 69.7 | 92.2 | 93.2 | 94.4 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 1800 | 70.6 | 93.9 | 95.0 | 96.4 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1500 | 70.7 | 94.1 | 95.2 | 96.6 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1200 | 71.3 | 95.3 | 96.5 | 97.8 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 1000 | 71.6 | 95.9 | 97.2 | 98.6 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 900 | 71.7 | 96.1 | 97.5 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 800 | 71.7 | 96.1 | 97.5 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 700 | 71.7 | 96.1 | 97.5 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 71.7 | 96.1 | 97.5 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500 | 71.7 | 96.1 | 97.5 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 71.7 | 96.2 | 97.5 | 99.0 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 71.7 | 96.2 | 97.5 | 99.0 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 71.7 | 96.2 | 97.5 | 99.0 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 71.7 | 96.2 | 97.5 | 99.0 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 71.7 | 96.2 | 97.5 | 99.0 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2500

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65, 73-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 56.5 | 72.9 | 73.3 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 20000 | 61.8 | 80.2 | 80.6 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 18000 | 61.8 | 80.3 | 80.8 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 16000 | 61.9 | 80.6 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 14000 | 63.2 | 82.4 | 82.8 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 12000 | 65.2 | 85.0 | 85.6 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 10000 | 66.8 | 87.7 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 9000 | 67.1 | 88.1 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 8000 | 67.9 | 89.5 | 90.3 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 7000 | 68.4 | 90.7 | 91.5 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 6000 | 68.5 | 90.8 | 91.6 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 5000 | 68.7 | 91.2 | 92.0 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 4500 | 68.9 | 91.5 | 92.3 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4000 | 69.2 | 91.9 | 92.7 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3500 | 69.3 | 92.2 | 93.0 | 93.2 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 3000 | 69.5 | 92.7 | 93.5 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2500 | 70.8 | 94.4 | 95.2 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2000 | 71.7 | 96.3 | 97.2 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1800 | 71.7 | 96.5 | 97.5 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | 71.9 | 97.0 | 98.1 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | 72.0 | 97.2 | 98.4 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 72.2 | 97.4 | 98.6 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 72.2 | 97.4 | 98.6 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 72.2 | 97.4 | 98.6 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 72.2 | 97.4 | 98.6 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 72.2 | 97.4 | 98.6 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 72.2 | 97.4 | 98.6 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 72.2 | 97.4 | 98.6 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 72.2 | 97.5 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 72.2 | 97.5 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 72.2 | 97.5 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 72.2 | 97.5 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2361

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65,67-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 46.0 | 64.4 | 65.9 | 66.7 | 67.2 | 67.2 | 67.4 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 20000 | 52.2 | 72.9 | 74.7 | 75.5 | 76.1 | 76.2 | 76.4 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 18000 | 52.3 | 73.1 | 74.8 | 75.7 | 76.3 | 76.4 | 76.6 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 |
| IV 16000 | 52.5 | 73.3 | 75.1 | 75.9 | 76.5 | 76.6 | 76.8 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 |
| IV 14000 | 53.7 | 75.0 | 76.8 | 77.7 | 78.2 | 78.3 | 78.5 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| IV 12000 | 55.9 | 77.8 | 79.7 | 80.6 | 81.2 | 81.3 | 81.5 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 10000 | 58.7 | 81.8 | 83.8 | 84.7 | 85.4 | 85.4 | 85.7 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| IV 9000 | 59.2 | 82.4 | 84.5 | 85.4 | 86.0 | 86.1 | 86.3 | 86.6 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 8000 | 60.1 | 84.1 | 86.2 | 87.3 | 87.9 | 88.0 | 88.2 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| IV 7000 | 60.6 | 85.1 | 87.4 | 88.5 | 89.1 | 89.2 | 89.4 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 6000 | 60.7 | 85.2 | 87.5 | 88.6 | 89.2 | 89.3 | 89.5 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 5000 | 60.9 | 85.5 | 87.8 | 88.9 | 89.5 | 89.6 | 89.8 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 4500 | 61.0 | 85.6 | 88.0 | 89.1 | 89.7 | 89.8 | 90.0 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 4000 | 61.2 | 86.1 | 88.4 | 89.5 | 90.1 | 90.2 | 90.4 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 3500 | 61.4 | 86.6 | 89.0 | 90.1 | 90.7 | 90.8 | 91.0 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 3000 | 61.9 | 87.6 | 90.0 | 91.2 | 91.8 | 91.9 | 92.1 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 2500 | 63.1 | 89.6 | 92.0 | 93.1 | 93.7 | 93.8 | 94.0 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IV 2000 | 64.3 | 91.7 | 94.3 | 95.5 | 96.2 | 96.2 | 96.5 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1800 | 64.5 | 92.0 | 94.6 | 95.9 | 96.5 | 96.6 | 96.8 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1600 | 64.7 | 92.7 | 95.3 | 96.6 | 97.3 | 97.4 | 97.6 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1400 | 64.8 | 93.0 | 95.6 | 97.0 | 97.7 | 97.8 | 98.0 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1200 | 64.9 | 93.1 | 95.7 | 97.3 | 98.0 | 98.1 | 98.3 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 |
| IV 1000 | 64.9 | 93.2 | 95.9 | 97.4 | 98.2 | 98.3 | 98.5 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 900 | 64.9 | 93.2 | 95.9 | 97.5 | 98.3 | 98.4 | 98.6 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 800 | 64.9 | 93.4 | 96.1 | 97.6 | 98.5 | 98.5 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 64.9 | 93.4 | 96.1 | 97.6 | 98.5 | 98.5 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 600 | 64.9 | 93.4 | 96.1 | 97.6 | 98.5 | 98.5 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 500 | 64.9 | 93.5 | 96.2 | 97.8 | 98.6 | 98.7 | 99.0 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 400 | 64.9 | 93.6 | 96.3 | 97.8 | 98.7 | 98.8 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 300 | 64.9 | 93.6 | 96.3 | 97.8 | 98.7 | 98.8 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200 | 64.9 | 93.6 | 96.3 | 97.9 | 98.8 | 98.9 | 99.2 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 100 | 64.9 | 93.6 | 96.3 | 97.9 | 98.8 | 98.9 | 99.2 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 0 | 64.9 | 93.6 | 96.3 | 97.9 | 98.8 | 98.9 | 99.2 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2734

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13020
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 40.3 | 52.0 | 53.4 | 53.8 | 54.3 | 54.4 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 20000 | 50.1 | 64.3 | 65.7 | 66.4 | 67.1 | 67.2 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| IV 18000 | 50.4 | 64.5 | 65.9 | 66.6 | 67.3 | 67.4 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| IV 16000 | 50.8 | 65.0 | 66.4 | 67.0 | 67.7 | 67.9 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| IV 14000 | 52.3 | 66.9 | 68.4 | 69.0 | 69.8 | 69.9 | 70.1 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 12000 | 56.4 | 71.8 | 73.2 | 73.9 | 74.7 | 74.8 | 75.0 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| IV 10000 | 60.5 | 77.5 | 79.3 | 80.0 | 80.9 | 81.0 | 81.2 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IV 9000 | 61.5 | 78.8 | 80.6 | 81.3 | 82.2 | 82.3 | 82.5 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 8000 | 63.0 | 81.5 | 83.3 | 84.1 | 85.0 | 85.2 | 85.4 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| IV 7000 | 63.8 | 82.5 | 84.4 | 85.2 | 86.1 | 86.2 | 86.4 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 6000 | 63.9 | 82.8 | 84.7 | 85.5 | 86.4 | 86.5 | 86.7 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 5000 | 64.3 | 83.4 | 85.4 | 86.2 | 87.2 | 87.3 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IV 4500 | 64.3 | 83.5 | 85.5 | 86.3 | 87.3 | 87.4 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 4000 | 64.7 | 84.1 | 86.2 | 87.1 | 88.0 | 88.2 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 3500 | 65.0 | 84.6 | 86.7 | 87.6 | 88.6 | 88.8 | 89.0 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3000 | 65.7 | 85.9 | 88.1 | 89.0 | 90.0 | 90.2 | 90.4 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 2500 | 67.2 | 88.0 | 90.3 | 91.4 | 92.5 | 92.7 | 92.9 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 2000 | 68.7 | 90.1 | 92.4 | 93.7 | 94.9 | 95.0 | 95.3 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 1800 | 68.8 | 90.2 | 92.6 | 93.8 | 95.0 | 95.2 | 95.4 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| IV 1500 | 69.3 | 91.2 | 93.6 | 94.9 | 96.1 | 96.3 | 96.6 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 1200 | 69.7 | 91.7 | 94.2 | 95.5 | 96.7 | 96.9 | 97.2 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| IV 1000 | 69.7 | 92.0 | 94.5 | 95.9 | 97.1 | 97.3 | 97.7 | 97.9 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 900 | 69.8 | 92.0 | 94.6 | 96.0 | 97.2 | 97.4 | 97.8 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 800 | 69.9 | 92.4 | 94.9 | 96.4 | 97.7 | 97.9 | 98.3 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 700 | 69.9 | 92.4 | 95.0 | 96.5 | 97.8 | 98.0 | 98.4 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 600 | 70.0 | 92.6 | 95.1 | 96.7 | 98.1 | 98.3 | 98.7 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 500 | 70.0 | 92.6 | 95.2 | 96.9 | 98.3 | 98.5 | 99.0 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 70.0 | 92.7 | 95.3 | 96.9 | 98.4 | 98.6 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 300 | 70.1 | 92.7 | 95.3 | 97.0 | 98.5 | 98.8 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 70.1 | 92.7 | 95.3 | 97.0 | 98.5 | 98.8 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 100 | 70.1 | 92.7 | 95.3 | 97.0 | 98.5 | 98.8 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 0 | 70.1 | 92.7 | 95.3 | 97.0 | 98.5 | 98.8 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3069

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ¾ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 42.0 | 50.9 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| IV 20000 | 54.3 | 65.1 | 65.6 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| IV 18000 | 54.5 | 65.4 | 65.9 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| IV 16000 | 55.2 | 66.1 | 66.6 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| IV 14000 | 56.5 | 67.8 | 68.4 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| IV 12000 | 59.6 | 71.7 | 72.3 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| IV 10000 | 63.6 | 77.3 | 77.9 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 9000 | 64.2 | 78.2 | 78.8 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| IV 8000 | 65.7 | 80.6 | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV 7000 | 66.5 | 81.7 | 82.4 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 6000 | 66.8 | 82.1 | 82.8 | 83.5 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 5000 | 67.1 | 82.7 | 83.5 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| IV 4500 | 67.1 | 82.8 | 83.5 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 4000 | 67.4 | 83.3 | 84.1 | 84.8 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| IV 3500 | 68.1 | 84.1 | 84.9 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 3000 | 69.8 | 86.3 | 87.0 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| IV 2500 | 72.5 | 89.0 | 90.6 | 91.5 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 2000 | 74.7 | 93.0 | 93.8 | 94.7 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| IV 1800 | 74.9 | 93.3 | 94.2 | 95.1 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 1500 | 75.9 | 94.8 | 95.8 | 96.8 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1200 | 76.3 | 95.4 | 96.5 | 97.5 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 1000 | 76.5 | 95.8 | 97.0 | 98.1 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 900 | 76.6 | 96.0 | 97.1 | 98.2 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| IV 800 | 76.6 | 96.2 | 97.4 | 98.5 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 700 | 76.6 | 96.2 | 97.4 | 98.5 | 98.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 600 | 76.6 | 96.3 | 97.5 | 98.7 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 500 | 76.6 | 96.3 | 97.5 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| IV 400 | 76.6 | 96.3 | 97.5 | 98.7 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 76.6 | 96.3 | 97.5 | 98.7 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 200 | 76.6 | 96.3 | 97.5 | 98.7 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 100 | 76.6 | 96.3 | 97.5 | 98.7 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 0 | 76.6 | 96.3 | 97.5 | 98.7 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3080

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 39.7 | 46.6 | 47.1 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| IV 20000 | 55.6 | 65.3 | 66.0 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| IV 18000 | 55.9 | 65.7 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 16000 | 56.2 | 66.0 | 66.7 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| IV 14000 | 57.9 | 67.9 | 68.6 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| IV 12000 | 60.6 | 71.4 | 72.1 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| IV 10000 | 64.1 | 76.6 | 77.5 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| IV 9000 | 64.7 | 77.6 | 78.5 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| IV 8000 | 66.2 | 79.9 | 81.0 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 7000 | 67.3 | 81.4 | 82.5 | 83.2 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| IV 6000 | 67.4 | 81.7 | 82.9 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 5000 | 67.5 | 82.2 | 83.3 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| IV 4500 | 67.7 | 82.3 | 83.5 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| IV 4000 | 68.0 | 83.0 | 84.2 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 3500 | 68.7 | 84.1 | 85.3 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 3000 | 70.5 | 86.5 | 87.8 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| IV 2500 | 73.0 | 90.5 | 91.9 | 92.9 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| IV 2000 | 74.6 | 93.1 | 94.7 | 95.8 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 |
| IV 1800 | 74.8 | 93.5 | 95.1 | 96.2 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1500 | 75.4 | 94.6 | 96.3 | 97.5 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| IV 1200 | 75.5 | 94.7 | 96.5 | 97.6 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 1000 | 75.5 | 94.8 | 96.6 | 97.8 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 900 | 75.5 | 94.8 | 96.6 | 97.8 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 800 | 75.6 | 94.9 | 96.8 | 98.0 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 700 | 75.6 | 95.0 | 96.9 | 98.1 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 600 | 75.6 | 95.0 | 96.9 | 98.1 | 98.8 | 98.8 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 500 | 75.6 | 95.1 | 97.0 | 98.2 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 75.6 | 95.1 | 97.0 | 98.2 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 75.6 | 95.1 | 97.0 | 98.2 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 75.6 | 95.1 | 97.0 | 98.2 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 100 | 75.6 | 95.1 | 97.0 | 98.2 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 0 | 75.6 | 95.1 | 97.0 | 98.2 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3115

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 31.4 | 37.0 | 37.3 | 37.3 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 |
| ≥ 20000 | 52.9 | 62.7 | 63.4 | 63.6 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| IV 18000 | 53.0 | 62.9 | 63.6 | 63.8 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| IV 16000 | 53.6 | 63.6 | 64.3 | 64.5 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| IV 14000 | 55.7 | 66.3 | 67.0 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| IV 12000 | 59.0 | 70.6 | 71.3 | 71.6 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 10000 | 63.3 | 76.7 | 77.6 | 78.0 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 9000 | 64.4 | 78.1 | 79.0 | 79.3 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| IV 8000 | 66.8 | 81.9 | 82.8 | 83.1 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 7000 | 68.2 | 83.9 | 84.9 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 6000 | 68.5 | 84.7 | 85.8 | 86.2 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 5000 | 68.8 | 85.4 | 86.5 | 87.0 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| IV 4500 | 69.0 | 85.8 | 86.9 | 87.4 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 4000 | 69.4 | 86.5 | 87.7 | 88.2 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| IV 3500 | 70.0 | 87.5 | 88.7 | 89.2 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 3000 | 70.7 | 88.8 | 90.1 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 2500 | 72.5 | 91.6 | 92.9 | 93.6 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 2000 | 73.4 | 93.7 | 95.0 | 95.9 | 96.7 | 96.8 | 97.0 | 97.0 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 1800 | 73.6 | 93.9 | 95.4 | 96.3 | 97.1 | 97.2 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| IV 1500 | 73.8 | 94.6 | 96.1 | 97.1 | 97.9 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 1200 | 73.9 | 94.9 | 96.5 | 97.5 | 98.4 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 1000 | 73.9 | 95.1 | 96.7 | 97.7 | 98.6 | 98.7 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 900 | 74.0 | 95.1 | 96.7 | 97.8 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 800 | 74.0 | 95.2 | 96.8 | 97.9 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 700 | 74.0 | 95.2 | 96.8 | 97.9 | 98.8 | 98.9 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 600 | 74.0 | 95.2 | 96.8 | 98.0 | 98.8 | 99.0 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500 | 74.0 | 95.2 | 96.9 | 98.0 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 74.0 | 95.2 | 96.9 | 98.0 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 74.0 | 95.3 | 96.9 | 98.0 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 200 | 74.0 | 95.3 | 96.9 | 98.0 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 100 | 74.0 | 95.3 | 96.9 | 98.0 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| IV 0 | 74.0 | 95.3 | 96.9 | 98.0 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3137

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.5 | 39.7 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| IV 20000 | 53.9 | 66.4 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| IV 18000 | 54.2 | 66.8 | 67.5 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| IV 16000 | 54.4 | 67.1 | 67.9 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| IV 14000 | 56.0 | 69.3 | 70.1 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| IV 12000 | 59.9 | 74.2 | 75.1 | 75.3 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| IV 10000 | 64.9 | 80.6 | 81.6 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV 9000 | 66.0 | 82.1 | 83.1 | 83.4 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 8000 | 67.8 | 85.4 | 86.4 | 86.7 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 7000 | 69.2 | 87.7 | 88.7 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV 6000 | 69.7 | 88.3 | 89.3 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 5000 | 70.3 | 89.2 | 90.3 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 4500 | 70.4 | 89.6 | 90.7 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 4000 | 70.9 | 90.5 | 91.6 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 3500 | 71.1 | 90.9 | 92.1 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 3000 | 71.6 | 92.2 | 93.5 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IV 2500 | 72.3 | 93.5 | 94.9 | 95.5 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| IV 2000 | 73.1 | 94.9 | 96.6 | 97.4 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 |
| IV 1800 | 73.1 | 95.0 | 96.7 | 97.5 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 1500 | 73.5 | 95.6 | 97.4 | 98.2 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1200 | 73.6 | 95.8 | 97.5 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 1000 | 73.6 | 96.2 | 98.0 | 98.9 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 900 | 73.6 | 96.2 | 98.1 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 800 | 73.7 | 96.2 | 98.1 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 700 | 73.7 | 96.2 | 98.1 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 600 | 73.7 | 96.2 | 98.1 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 73.7 | 96.3 | 98.1 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 73.7 | 96.3 | 98.2 | 99.1 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 73.7 | 96.3 | 98.2 | 99.1 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 73.7 | 96.3 | 98.2 | 99.1 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 73.7 | 96.3 | 98.2 | 99.1 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 73.7 | 96.3 | 98.2 | 99.1 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3056

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 49.5 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| IV 20000 | 60.9 | 78.5 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| IV 18000 | 60.9 | 78.6 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 16000 | 61.0 | 78.8 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| IV 14000 | 62.0 | 80.4 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| IV 12000 | 64.6 | 83.9 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 10000 | 67.3 | 88.3 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 9000 | 67.7 | 89.2 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 8000 | 68.2 | 90.5 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 7000 | 68.9 | 91.7 | 92.2 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| IV 6000 | 69.1 | 92.1 | 92.6 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| IV 5000 | 69.6 | 92.6 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| IV 4500 | 69.6 | 92.8 | 93.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 4000 | 70.0 | 93.4 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IV 3500 | 70.0 | 93.6 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 3000 | 70.6 | 94.6 | 95.2 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 2500 | 71.1 | 95.7 | 96.2 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 2000 | 71.9 | 97.0 | 97.6 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 1800 | 72.0 | 97.1 | 97.7 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1500 | 72.1 | 97.6 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1200 | 72.1 | 97.9 | 98.6 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1000 | 72.1 | 98.1 | 98.9 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 900 | 72.1 | 98.2 | 98.9 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 800 | 72.1 | 98.2 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 700 | 72.1 | 98.2 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 72.1 | 98.2 | 99.0 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 72.1 | 98.2 | 99.0 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 72.1 | 98.2 | 99.0 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 72.1 | 98.2 | 99.0 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 72.1 | 98.2 | 99.0 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 72.1 | 98.2 | 99.0 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 72.1 | 98.2 | 99.0 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2664

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-65,69,73-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 56.9 | 77.7 | 78.2 | 78.6 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| IV 20000 | 62.3 | 85.4 | 85.9 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 18000 | 62.3 | 85.5 | 86.0 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 16000 | 62.4 | 85.7 | 86.2 | 86.6 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 14000 | 63.1 | 86.8 | 87.3 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 12000 | 64.1 | 88.4 | 88.9 | 89.3 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| IV 10000 | 65.0 | 90.3 | 90.8 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 9000 | 65.0 | 90.7 | 91.2 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| IV 8000 | 65.7 | 92.0 | 92.5 | 93.0 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 7000 | 65.8 | 92.2 | 92.8 | 93.3 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| IV 6000 | 65.9 | 92.5 | 93.2 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| IV 5000 | 66.1 | 92.8 | 93.5 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 4500 | 66.0 | 92.8 | 93.5 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 4000 | 66.2 | 93.1 | 93.8 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IV 3500 | 66.2 | 93.4 | 94.1 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 3000 | 66.6 | 93.9 | 94.6 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 2500 | 66.9 | 94.7 | 95.5 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| IV 2000 | 67.4 | 95.8 | 96.7 | 97.3 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 1800 | 67.5 | 96.0 | 97.0 | 97.5 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 1500 | 67.8 | 96.6 | 97.6 | 98.3 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1200 | 68.1 | 97.0 | 98.0 | 98.6 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1000 | 68.2 | 97.2 | 98.3 | 98.9 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 900 | 68.2 | 97.2 | 98.3 | 98.9 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 800 | 68.2 | 97.2 | 98.3 | 98.9 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 700 | 68.2 | 97.2 | 98.3 | 98.9 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 600 | 68.2 | 97.2 | 98.3 | 98.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| IV 500 | 68.2 | 97.3 | 98.3 | 98.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| IV 400 | 68.3 | 97.4 | 98.4 | 99.0 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 |
| IV 300 | 68.3 | 97.4 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 |
| IV 200 | 68.3 | 97.4 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 |
| IV 100 | 68.3 | 97.4 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 |
| IV 0 | 68.3 | 97.4 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2464

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65,67-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 47.8 | 69.1 | 70.7 | 71.2 | 71.8 | 71.9 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 |
| ≥ 20000 | 52.5 | 77.3 | 79.1 | 79.8 | 80.5 | 80.6 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 18000 | 52.5 | 77.3 | 79.1 | 79.8 | 80.5 | 80.6 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 16000 | 52.8 | 77.7 | 79.5 | 80.2 | 80.9 | 81.0 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 |
| IV 14000 | 53.7 | 79.0 | 80.8 | 81.5 | 82.3 | 82.4 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 12000 | 55.3 | 81.4 | 83.3 | 84.0 | 84.7 | 84.9 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| IV 10000 | 56.8 | 83.9 | 85.8 | 86.6 | 87.3 | 87.5 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 9000 | 57.0 | 84.6 | 86.5 | 87.3 | 88.0 | 88.2 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 8000 | 57.9 | 86.2 | 88.1 | 89.0 | 89.7 | 89.9 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 7000 | 58.3 | 86.8 | 88.8 | 89.7 | 90.4 | 90.6 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IV 6000 | 58.3 | 87.1 | 89.0 | 89.9 | 90.7 | 90.8 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 5000 | 58.5 | 87.5 | 89.4 | 90.4 | 91.1 | 91.3 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 4500 | 58.5 | 87.6 | 89.6 | 90.5 | 91.2 | 91.4 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 4000 | 58.7 | 88.1 | 90.1 | 91.1 | 91.8 | 92.0 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 |
| IV 3500 | 59.0 | 88.6 | 90.7 | 91.7 | 92.5 | 92.6 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 |
| IV 3000 | 59.2 | 89.1 | 91.4 | 92.3 | 93.1 | 93.3 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 2500 | 59.6 | 90.2 | 92.6 | 93.6 | 94.5 | 94.6 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 2000 | 60.4 | 92.2 | 94.8 | 95.9 | 96.8 | 97.0 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 |
| IV 1800 | 60.5 | 92.5 | 95.1 | 96.2 | 97.1 | 97.3 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 1500 | 60.8 | 93.1 | 95.8 | 97.0 | 97.9 | 98.0 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 |
| IV 1200 | 60.9 | 93.2 | 96.0 | 97.1 | 98.1 | 98.2 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 |
| IV 1000 | 60.9 | 93.4 | 96.1 | 97.4 | 98.4 | 98.5 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 900 | 61.0 | 93.5 | 96.2 | 97.5 | 98.5 | 98.6 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| IV 800 | 61.0 | 93.6 | 96.3 | 97.5 | 98.5 | 98.7 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 700 | 61.1 | 93.6 | 96.4 | 97.6 | 98.6 | 98.7 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 600 | 61.1 | 93.6 | 96.4 | 97.6 | 98.6 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| IV 500 | 61.1 | 93.7 | 96.4 | 97.6 | 98.6 | 98.8 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 61.1 | 93.7 | 96.4 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 300 | 61.1 | 93.7 | 96.4 | 97.6 | 98.7 | 98.9 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| IV 200 | 61.1 | 93.7 | 96.4 | 97.6 | 98.7 | 98.9 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 |
| IV 100 | 61.1 | 93.7 | 96.4 | 97.6 | 98.7 | 98.9 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 |
| IV 0 | 61.1 | 93.7 | 96.4 | 97.7 | 98.8 | 98.9 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2796

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXT
STATION NAME

42-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | 41.7 50.7 | 55.4 67.8 | 57.3 70.1 | 58.6 71.7 | 59.3 72.4 | 59.4 72.6 | 59.6 72.8 | 59.6 72.9 | 59.6 72.9 | 59.7 73.0 | 59.7 73.0 | 59.7 73.0 | 59.7 73.1 | 59.7 73.1 | 59.7 73.1 | 59.7 73.1 |
| IV 18000 IV 16000 | 50.8 51.2 | 68.0 68.6 | 70.2 70.8 | 71.8 72.4 | 72.5 73.2 | 72.7 73.3 | 72.9 73.6 | 73.1 73.7 | 73.1 73.7 | 73.2 73.8 | 73.2 73.8 | 73.2 73.8 | 73.2 73.8 | 73.2 73.8 | 73.2 73.8 | 73.2 73.9 |
| IV 14000 IV 12000 | 52.9 55.9 | 70.9 74.8 | 73.2 77.3 | 74.8 78.9 | 75.6 79.7 | 75.8 80.0 | 76.1 80.2 | 76.2 80.3 | 76.2 80.3 | 76.3 80.4 | 76.3 80.4 | 76.3 80.4 | 76.3 80.5 | 76.3 80.5 | 76.3 80.5 | 76.3 80.5 |
| IV 10000 IV 9000 | 58.0 58.5 | 78.0 78.8 | 80.8 81.6 | 82.5 83.4 | 83.3 84.2 | 83.6 84.5 | 83.7 84.7 | 84.0 84.9 | 84.0 84.9 | 84.1 85.0 | 84.1 85.0 | 84.1 85.0 | 84.1 85.0 | 84.1 85.0 | 84.1 85.0 | 84.2 85.0 |
| IV 8000 IV 7000 | 60.0 60.5 | 81.4 82.4 | 84.3 85.4 | 86.2 87.2 | 87.1 88.2 | 87.4 88.5 | 87.6 88.8 | 87.8 88.9 | 87.8 88.9 | 87.9 89.0 | 87.9 89.0 | 87.9 89.0 | 87.9 89.0 | 87.9 89.0 | 87.9 89.0 | 87.9 89.1 |
| IV 6000 IV 5000 | 60.7 60.9 | 82.8 83.5 | 85.8 86.5 | 87.7 88.4 | 88.6 89.3 | 88.9 89.6 | 89.2 89.9 | 89.3 90.1 | 89.3 90.1 | 89.4 90.2 | 89.4 90.2 | 89.4 90.2 | 89.5 90.2 | 89.5 90.2 | 89.5 90.2 | 89.5 90.2 |
| IV 4500 IV 4000 | 60.9 61.0 | 83.6 83.9 | 86.6 87.0 | 88.5 88.9 | 89.5 89.9 | 89.8 90.2 | 90.0 90.5 | 90.2 90.6 | 90.2 90.6 | 90.3 90.7 | 90.3 90.7 | 90.3 90.7 | 90.3 90.8 | 90.3 90.8 | 90.3 90.8 | 90.4 90.8 |
| IV 3500 IV 3000 | 61.1 61.4 | 84.2 84.9 | 87.4 88.1 | 89.3 90.1 | 90.2 91.0 | 90.5 91.3 | 90.8 91.6 | 91.0 91.7 | 91.0 91.7 | 91.1 91.8 | 91.1 91.8 | 91.1 91.8 | 91.1 91.9 | 91.1 91.9 | 91.1 91.9 | 91.1 91.9 |
| IV 2500 IV 2000 | 62.3 63.0 | 86.1 87.8 | 89.4 91.1 | 91.4 93.3 | 92.7 94.6 | 93.0 94.9 | 93.3 95.3 | 93.5 95.5 | 93.5 95.5 | 93.6 95.6 | 93.6 95.6 | 93.6 95.6 | 93.6 95.7 | 93.6 95.7 | 93.6 95.7 | 93.7 95.7 |
| IV 1800 IV 1500 | 63.1 63.7 | 87.9 88.9 | 91.3 92.4 | 93.5 94.6 | 94.8 95.9 | 95.1 96.3 | 95.5 96.7 | 95.6 96.9 | 95.6 96.9 | 95.8 97.1 | 95.8 97.2 | 95.8 97.2 | 95.9 97.3 | 95.9 97.3 | 95.9 97.3 | 96.0 97.3 |
| IV 1200 IV 1000 | 63.8 64.1 | 89.2 89.6 | 92.7 93.1 | 94.9 95.5 | 96.2 96.8 | 96.6 97.2 | 97.0 97.6 | 97.3 97.9 | 97.3 97.9 | 97.4 98.0 | 97.5 98.1 | 97.5 98.1 | 97.5 98.3 | 97.6 98.3 | 97.6 98.3 | 97.6 98.3 |
| IV 900 IV 800 | 64.1 64.2 | 89.7 89.8 | 93.2 93.4 | 95.5 95.8 | 96.9 97.2 | 97.2 97.6 | 97.7 98.2 | 97.9 98.4 | 97.9 98.4 | 98.1 98.5 | 98.2 98.6 | 98.2 98.6 | 98.3 98.8 | 98.3 98.8 | 98.3 98.8 | 98.4 98.8 |
| IV 700 IV 600 | 64.2 64.2 | 89.9 90.0 | 93.6 93.7 | 96.0 96.1 | 97.4 97.6 | 97.8 97.9 | 98.4 98.5 | 98.6 98.8 | 98.6 98.8 | 98.8 99.0 | 98.9 99.1 | 98.9 99.1 | 99.0 99.2 | 99.0 99.2 | 99.0 99.2 | 99.0 99.2 |
| IV 500 IV 400 | 64.2 64.2 | 90.1 90.1 | 93.8 93.8 | 96.2 96.2 | 97.6 97.7 | 98.0 98.0 | 98.6 98.7 | 98.9 98.9 | 98.9 98.9 | 99.1 99.2 | 99.2 99.3 | 99.2 99.3 | 99.3 99.5 | 99.3 99.5 | 99.3 99.5 | 99.3 99.5 |
| IV 300 IV 200 | 64.2 64.2 | 90.1 90.1 | 93.8 93.9 | 96.3 96.3 | 97.8 97.9 | 98.2 98.3 | 98.9 98.9 | 99.2 99.3 | 99.2 99.3 | 99.5 99.6 | 99.6 99.7 | 99.6 99.7 | 99.7 99.8 | 99.7 99.8 | 99.7 99.8 | 99.8 99.9 |
| IV 100 IV 0 | 64.2 64.2 | 90.1 90.1 | 93.9 93.9 | 96.3 96.3 | 97.9 97.9 | 98.3 98.3 | 99.0 99.0 | 99.3 99.3 | 99.3 99.3 | 99.6 99.6 | 99.7 99.7 | 99.7 99.7 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 100.0 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3103

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING ≥ 20000 | 44.1 54.9 | 54.2 68.1 | 55.3 69.3 | 55.6 69.8 | 55.7 69.9 | 55.7 69.9 | 55.7 69.9 | 55.8 70.0 | 55.8 70.0 | 55.8 70.0 | 55.8 70.0 | 55.8 70.0 | 55.8 70.0 | 55.8 70.0 | 55.8 70.0 | 55.8 70.0 |
| IV 18000 IV 16000 | 55.2 55.5 | 68.4 68.8 | 69.6 70.0 | 70.2 70.5 | 70.2 70.6 | 70.2 70.6 | 70.3 70.6 | 70.3 70.7 | 70.3 70.7 | 70.3 70.7 | 70.3 70.7 | 70.3 70.7 | 70.3 70.7 | 70.3 70.7 | 70.3 70.7 | 70.3 70.7 |
| IV 14000 IV 12000 | 57.1 59.5 | 70.8 74.4 | 72.0 75.7 | 72.5 76.3 | 72.6 76.5 | 72.6 76.5 | 72.6 76.6 | 72.7 76.7 | 72.7 76.7 | 72.7 76.7 | 72.7 76.7 | 72.7 76.7 | 72.7 76.7 | 72.7 76.7 | 72.7 76.7 | 72.7 76.7 |
| IV 10000 IV 9000 | 62.4 62.7 | 78.6 79.0 | 79.9 80.4 | 80.6 81.1 | 80.9 81.4 | 80.9 81.4 | 81.0 81.5 | 81.1 81.5 | 81.1 81.5 | 81.1 81.5 | 81.1 81.5 | 81.1 81.5 | 81.1 81.5 | 81.1 81.6 | 81.1 81.6 | 81.1 81.6 |
| IV 8000 IV 7000 | 63.9 64.4 | 81.5 82.3 | 83.1 83.8 | 83.8 84.5 | 84.1 84.9 | 84.1 84.9 | 84.2 85.0 | 84.3 85.0 | 84.3 85.0 | 84.3 85.0 | 84.3 85.0 | 84.3 85.0 | 84.3 85.0 | 84.3 85.1 | 84.3 85.1 | 84.3 85.1 |
| IV 6000 IV 5000 | 64.4 64.6 | 82.5 83.0 | 84.2 84.7 | 85.0 85.4 | 85.3 85.8 | 85.3 85.8 | 85.4 85.9 | 85.5 85.9 | 85.5 85.9 | 85.5 85.9 | 85.5 85.9 | 85.5 85.9 | 85.5 85.9 | 85.5 86.0 | 85.5 86.0 | 85.5 86.0 |
| IV 4500 IV 4000 | 64.7 64.9 | 83.2 83.6 | 84.9 85.4 | 85.7 86.2 | 86.1 86.6 | 86.1 86.6 | 86.2 86.7 | 86.2 86.8 | 86.2 86.8 | 86.2 86.8 | 86.2 86.8 | 86.2 86.8 | 86.2 86.8 | 86.3 86.8 | 86.3 86.8 | 86.3 86.8 |
| IV 3500 IV 3000 | 65.3 66.5 | 84.1 85.7 | 85.9 87.5 | 86.7 88.3 | 87.1 88.8 | 87.1 88.8 | 87.2 88.9 | 87.2 89.0 | 87.2 89.0 | 87.2 89.0 | 87.2 89.0 | 87.2 89.0 | 87.2 89.0 | 87.3 89.0 | 87.3 89.0 | 87.3 89.0 |
| IV 2500 IV 2000 | 69.0 70.9 | 89.0 91.6 | 90.8 93.5 | 91.7 94.5 | 92.3 95.2 | 92.3 95.2 | 92.4 95.4 | 92.6 95.5 | 92.6 95.5 | 92.6 95.5 | 92.6 95.5 | 92.6 95.5 | 92.6 95.5 | 92.6 95.6 | 92.6 95.6 | 92.6 95.6 |
| IV 1800 IV 1500 | 71.0 71.5 | 92.1 93.2 | 94.0 95.1 | 95.0 96.2 | 95.7 96.9 | 95.7 96.9 | 95.9 97.1 | 96.0 97.3 | 96.0 97.3 | 96.0 97.3 | 96.0 97.3 | 96.0 97.3 | 96.0 97.3 | 96.1 97.4 | 96.1 97.4 | 96.1 97.4 |
| IV 1200 IV 1000 | 71.8 71.9 | 93.8 94.1 | 95.8 96.1 | 96.8 97.3 | 97.0 98.2 | 97.7 98.3 | 97.9 98.6 | 98.1 98.7 | 98.1 98.7 | 98.1 98.7 | 98.2 98.8 | 98.2 98.8 | 98.2 98.8 | 98.3 98.9 | 98.3 98.9 | 98.3 98.9 |
| IV 900 IV 800 | 71.9 71.9 | 94.1 94.5 | 96.2 96.6 | 97.4 97.7 | 98.3 98.6 | 98.4 98.7 | 98.7 99.1 | 98.8 99.2 | 98.8 99.2 | 98.9 99.3 | 98.9 99.4 | 98.9 99.4 | 98.9 99.4 | 99.0 99.4 | 99.0 99.4 | 99.0 99.4 |
| IV 700 IV 600 | 71.9 71.9 | 94.5 94.5 | 96.6 96.7 | 97.8 97.9 | 98.7 98.8 | 98.8 98.9 | 99.1 99.2 | 99.3 99.4 | 99.3 99.4 | 99.4 99.4 | 99.4 99.5 | 99.4 99.5 | 99.4 99.5 | 99.5 99.6 | 99.5 99.6 | 99.5 99.6 |
| IV 500 IV 400 | 72.0 72.1 | 94.7 94.7 | 96.8 96.9 | 98.1 98.1 | 99.0 99.1 | 99.1 99.2 | 99.5 99.6 | 99.7 99.7 | 99.7 99.7 | 99.8 99.9 | 99.8 99.9 | 99.8 99.9 | 99.8 99.9 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 |
| IV 300 IV 200 | 72.1 72.1 | 94.7 94.7 | 96.9 96.9 | 98.1 98.1 | 99.1 99.1 | 99.2 99.2 | 99.6 99.6 | 99.7 99.7 | 99.7 99.7 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 |
| IV 100 IV 0 | 72.1 72.1 | 94.7 94.7 | 96.9 96.9 | 98.1 98.1 | 99.1 99.1 | 99.2 99.2 | 99.6 99.6 | 99.7 99.7 | 99.7 99.7 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3110

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13020

KEESLER AFB MISSISSIPPI/BILUXI

42-74

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY* (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 42.6 | 50.4 | 51.5 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 20000 | 56.8 | 66.6 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| IV 18000 | 57.0 | 68.8 | 70.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| IV 16000 | 57.1 | 69.2 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| IV 14000 | 58.2 | 70.5 | 72.0 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| IV 12000 | 60.5 | 73.9 | 75.4 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| IV 10000 | 63.1 | 77.7 | 79.3 | 79.5 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| IV 9000 | 63.6 | 78.5 | 80.0 | 80.3 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 8000 | 64.7 | 80.7 | 82.3 | 82.7 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 7000 | 65.2 | 81.4 | 83.0 | 83.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IV 6000 | 65.3 | 81.8 | 83.4 | 83.8 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 5000 | 65.6 | 82.3 | 84.0 | 84.5 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV 4500 | 65.8 | 82.6 | 84.5 | 84.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| IV 4000 | 66.0 | 83.1 | 84.9 | 85.2 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| IV 3500 | 66.4 | 83.7 | 85.5 | 86.0 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| IV 3000 | 67.9 | 85.9 | 87.7 | 88.3 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 2500 | 70.0 | 89.3 | 91.4 | 92.0 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 |
| IV 2000 | 71.3 | 92.0 | 94.3 | 95.1 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 |
| IV 1800 | 71.4 | 92.2 | 94.5 | 95.3 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 |
| IV 1500 | 71.8 | 93.2 | 95.5 | 96.5 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 |
| IV 1200 | 71.9 | 93.3 | 95.7 | 96.7 | 97.5 | 97.5 | 97.7 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 |
| IV 1000 | 72.0 | 93.7 | 96.1 | 97.1 | 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 |
| IV 900 | 72.0 | 93.7 | 96.1 | 97.1 | 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 |
| IV 800 | 72.0 | 94.0 | 96.4 | 97.5 | 98.4 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 |
| IV 700 | 72.0 | 94.1 | 96.5 | 97.5 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 |
| IV 600 | 72.0 | 94.1 | 96.6 | 97.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 |
| IV 500 | 72.0 | 94.2 | 96.6 | 97.6 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 |
| IV 400 | 72.0 | 94.2 | 96.6 | 97.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 |
| IV 300 | 72.0 | 94.2 | 96.6 | 97.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 |
| IV 200 | 72.0 | 94.2 | 96.6 | 97.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 |
| IV 100 | 72.0 | 94.2 | 96.6 | 97.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 |
| IV 0 | 72.0 | 94.2 | 96.6 | 97.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3141

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILGX1
STATION NAME

42-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 38.5 | 46.3 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 20000 | 54.6 | 67.4 | 68.7 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IV 18000 | 54.8 | 67.7 | 69.0 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| IV 16000 | 55.4 | 68.5 | 69.8 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| IV 14000 | 56.6 | 70.0 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| IV 12000 | 59.1 | 74.1 | 75.4 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 10000 | 62.4 | 78.8 | 80.3 | 80.7 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 9000 | 63.0 | 79.6 | 81.1 | 81.6 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 8000 | 65.0 | 83.1 | 84.8 | 85.3 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| IV 7000 | 65.7 | 84.3 | 86.2 | 86.8 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV 6000 | 66.3 | 85.1 | 87.0 | 87.5 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 5000 | 66.7 | 85.7 | 87.7 | 88.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 4500 | 66.9 | 86.0 | 88.0 | 88.6 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 4000 | 67.3 | 86.8 | 88.8 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| IV 3500 | 67.5 | 87.1 | 89.2 | 89.8 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| IV 3000 | 67.9 | 88.6 | 90.7 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 2500 | 69.4 | 90.9 | 93.2 | 94.0 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 2000 | 69.9 | 92.6 | 95.1 | 96.0 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 1800 | 70.1 | 92.9 | 95.4 | 96.3 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1500 | 70.5 | 93.6 | 96.1 | 97.2 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 1200 | 70.7 | 93.9 | 96.4 | 97.5 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 1000 | 70.8 | 94.1 | 96.7 | 97.8 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 900 | 70.8 | 94.1 | 96.7 | 97.8 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 800 | 70.8 | 94.3 | 96.8 | 98.0 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 700 | 70.8 | 94.3 | 96.9 | 98.1 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 600 | 70.8 | 94.3 | 96.9 | 98.1 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 500 | 70.8 | 94.3 | 97.0 | 98.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 400 | 70.8 | 94.3 | 97.0 | 98.2 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 300 | 70.8 | 94.3 | 97.0 | 98.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200 | 70.8 | 94.3 | 97.0 | 98.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 100 | 70.8 | 94.3 | 97.0 | 98.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 70.8 | 94.3 | 97.0 | 98.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS. 3100

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/4 | ≥ 2 | ≥ 1 1/4 | ≥ 1 1/2 | ≥ 1 | ≥ 3/4 | ≥ 3/8 | ≥ 1/2 | ≥ 5/16 | ≥ 1/4 | ≥ 0 |
| NO CEILING | 38.7 | 48.5 | 49.3 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 20000 | 54.1 | 69.4 | 70.6 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 18000 | 54.4 | 69.8 | 71.0 | 71.4 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| IV 16000 | 54.6 | 70.2 | 71.4 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 |
| IV 14000 | 55.9 | 71.9 | 73.1 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 |
| IV 12000 | 58.4 | 75.8 | 77.2 | 77.7 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| IV 10000 | 62.6 | 82.1 | 83.5 | 84.1 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 |
| IV 9000 | 63.3 | 83.0 | 84.5 | 85.1 | 85.2 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| IV 8000 | 65.3 | 86.3 | 88.0 | 88.7 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 7000 | 66.0 | 87.4 | 89.2 | 89.9 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 6000 | 66.3 | 88.0 | 89.8 | 90.5 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 5000 | 66.6 | 88.7 | 90.5 | 91.2 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 4500 | 66.8 | 88.8 | 90.7 | 91.4 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 4000 | 67.1 | 89.4 | 91.2 | 92.0 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 |
| IV 3500 | 67.4 | 89.9 | 91.7 | 92.5 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 |
| IV 3000 | 68.3 | 91.3 | 93.2 | 94.0 | 94.2 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 2500 | 69.0 | 92.4 | 94.6 | 95.5 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 2000 | 69.3 | 93.5 | 95.9 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 |
| IV 1800 | 69.5 | 93.7 | 96.1 | 97.1 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 1500 | 69.5 | 94.3 | 96.7 | 97.7 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 |
| IV 1100 | 69.7 | 94.5 | 97.0 | 98.1 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1000 | 69.7 | 94.8 | 97.4 | 98.6 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 900 | 69.8 | 94.8 | 97.5 | 98.6 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 800 | 69.8 | 94.8 | 97.5 | 98.7 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700 | 69.8 | 94.8 | 97.5 | 98.7 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| IV 600 | 69.8 | 94.9 | 97.5 | 98.8 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| IV 500 | 69.8 | 94.9 | 97.5 | 98.9 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IV 400 | 69.8 | 94.9 | 97.5 | 98.9 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IV 300 | 69.8 | 94.9 | 97.6 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| IV 200 | 69.8 | 94.9 | 97.6 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| IV 100 | 69.8 | 94.9 | 97.6 | 99.0 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |
| IV 0 | 69.8 | 94.9 | 97.6 | 99.0 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3084

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI

STATION NAME

42-74

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 51.0 | 67.2 | 67.8 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| IV 20" | 60.5 | 80.3 | 81.2 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 18000 | 60.7 | 80.6 | 81.5 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV 16000 | 60.9 | 80.9 | 81.8 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| IV 14000 | 61.8 | 82.8 | 83.8 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 12000 | 62.9 | 85.3 | 86.3 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 10000 | 65.3 | 89.4 | 90.4 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 9000 | 65.7 | 90.3 | 91.4 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 8000 | 66.7 | 91.7 | 93.0 | 93.5 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 7000 | 67.0 | 92.5 | 93.8 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IV 6000 | 67.1 | 92.8 | 94.1 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 5000 | 67.4 | 93.3 | 94.6 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 4500 | 67.5 | 93.5 | 94.8 | 95.4 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| IV 4000 | 67.9 | 94.0 | 95.4 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 3500 | 68.0 | 94.3 | 95.7 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 3000 | 68.1 | 94.7 | 96.1 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 2500 | 68.5 | 95.6 | 97.1 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 2000 | 68.8 | 96.2 | 97.8 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1800 | 68.8 | 96.3 | 97.8 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1500 | 69.0 | 96.6 | 98.1 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 1200 | 69.1 | 96.7 | 98.3 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 1000 | 69.2 | 96.8 | 98.4 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 900 | 69.2 | 96.9 | 98.5 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 800 | 69.2 | 96.9 | 98.5 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700 | 69.2 | 96.9 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600 | 69.3 | 97.0 | 98.6 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 69.3 | 97.0 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 69.3 | 97.0 | 98.6 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 69.3 | 97.0 | 98.6 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 69.3 | 97.0 | 98.6 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 69.3 | 97.0 | 98.6 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 69.3 | 97.0 | 98.6 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 2696

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILDXI
STATION NAME

42-65,69,71,73-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 45.2 | 68.2 | 67.7 | 69.0 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 20000 | 48.0 | 72.7 | 73.2 | 73.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 18000 | 48.2 | 72.3 | 73.4 | 73.7 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 16000 | 48.2 | 73.0 | 73.6 | 73.9 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 14000 | 48.3 | 73.9 | 74.5 | 74.8 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 12000 | 49.7 | 76.9 | 77.6 | 77.9 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 10000 | 50.6 | 79.2 | 79.9 | 80.2 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 9000 | 50.9 | 79.8 | 80.4 | 80.8 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 8000 | 51.6 | 81.4 | 82.0 | 82.4 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 7000 | 52.3 | 83.0 | 83.6 | 84.0 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 6000 | 52.4 | 83.2 | 83.9 | 84.3 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 5000 | 52.6 | 83.6 | 84.3 | 84.8 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 4000 | 52.9 | 83.9 | 84.7 | 85.2 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 3500 | 53.1 | 84.3 | 85.1 | 85.6 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 3000 | 53.5 | 84.9 | 85.7 | 86.2 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 2500 | 54.1 | 86.5 | 87.3 | 87.9 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 2000 | 54.6 | 88.2 | 89.1 | 89.7 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1800 | 55.1 | 90.3 | 91.5 | 92.2 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1600 | 55.2 | 90.7 | 91.9 | 92.7 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1500 | 55.5 | 91.9 | 93.3 | 94.1 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1200 | 55.9 | 93.0 | 94.4 | 95.3 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1000 | 56.1 | 93.7 | 95.2 | 96.3 | 96.8 | 96.8 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 56.2 | 93.8 | 95.3 | 96.4 | 97.0 | 97.0 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 56.3 | 94.0 | 95.5 | 96.8 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 56.4 | 94.4 | 95.9 | 97.1 | 97.9 | 97.9 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 56.4 | 94.6 | 96.1 | 97.5 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 56.4 | 94.8 | 96.3 | 97.8 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 56.4 | 94.9 | 96.4 | 98.0 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 56.4 | 95.0 | 96.5 | 98.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 56.4 | 95.0 | 96.5 | 98.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 56.4 | 95.0 | 96.5 | 98.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 56.4 | 95.0 | 96.5 | 98.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2221

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-65,67-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0.16 | ≥0.1 | ≥0 |
| NO CEILING | 41.0 | 63.5 | 65.0 | 66.2 | 66.7 | 66.7 | 66.9 | 67.0 | 67.0 | 67.3 | 67.4 | 67.4 | 67.5 | 67.6 | 67.6 | 67.7 |
| ≥ 20000 | 43.5 | 68.1 | 69.7 | 71.0 | 71.5 | 71.5 | 71.7 | 71.8 | 71.8 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.4 | 72.5 |
| ≥ 18000 | 43.5 | 68.2 | 69.8 | 71.0 | 71.6 | 71.6 | 71.8 | 71.9 | 71.9 | 72.2 | 72.3 | 72.3 | 72.4 | 72.5 | 72.5 | 72.6 |
| ≥ 16000 | 43.6 | 68.4 | 70.0 | 71.3 | 71.8 | 71.8 | 72.0 | 72.2 | 72.2 | 72.5 | 72.5 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 |
| ≥ 14000 | 44.1 | 69.2 | 70.8 | 72.1 | 72.6 | 72.7 | 72.9 | 73.0 | 73.0 | 73.3 | 73.4 | 73.4 | 73.5 | 73.6 | 73.6 | 73.7 |
| ≥ 12000 | 45.3 | 72.0 | 73.6 | 74.9 | 75.5 | 75.5 | 75.7 | 75.8 | 75.8 | 76.1 | 76.2 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 |
| ≥ 10000 | 45.8 | 73.2 | 75.6 | 77.1 | 77.6 | 77.7 | 77.9 | 78.0 | 78.0 | 78.3 | 78.4 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 |
| ≥ 9000 | 46.3 | 74.8 | 76.5 | 77.9 | 78.5 | 78.5 | 78.8 | 78.9 | 78.9 | 79.2 | 79.3 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 |
| ≥ 8000 | 47.2 | 76.3 | 78.1 | 79.6 | 80.2 | 80.2 | 80.5 | 80.6 | 80.6 | 80.9 | 81.0 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 |
| ≥ 7000 | 47.5 | 77.8 | 79.6 | 81.1 | 81.7 | 81.8 | 82.0 | 82.1 | 82.1 | 82.4 | 82.5 | 82.5 | 82.7 | 82.8 | 82.8 | 82.9 |
| ≥ 6000 | 47.6 | 78.0 | 79.9 | 81.4 | 82.0 | 82.0 | 82.3 | 82.4 | 82.4 | 82.7 | 82.8 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 |
| ≥ 5000 | 47.9 | 78.7 | 80.6 | 82.1 | 82.8 | 82.8 | 83.1 | 83.2 | 83.2 | 83.6 | 83.7 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 |
| ≥ 4500 | 48.1 | 79.0 | 80.8 | 82.3 | 83.0 | 83.1 | 83.4 | 83.5 | 83.5 | 83.8 | 83.9 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 |
| ≥ 4000 | 48.4 | 79.6 | 81.5 | 83.0 | 83.7 | 83.7 | 84.0 | 84.2 | 84.2 | 84.5 | 84.6 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 |
| ≥ 3500 | 48.6 | 80.1 | 82.0 | 83.5 | 84.2 | 84.2 | 84.5 | 84.7 | 84.7 | 85.0 | 85.1 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 |
| ≥ 3000 | 49.0 | 81.2 | 83.1 | 84.7 | 85.4 | 85.4 | 85.7 | 85.8 | 85.8 | 86.2 | 86.2 | 86.2 | 86.4 | 86.5 | 86.6 | 86.7 |
| ≥ 2500 | 49.7 | 83.0 | 85.0 | 86.8 | 87.7 | 87.8 | 88.1 | 88.2 | 88.2 | 88.5 | 88.6 | 88.6 | 88.8 | 88.8 | 88.9 | 89.0 |
| ≥ 2000 | 50.4 | 85.2 | 87.4 | 89.2 | 90.3 | 90.3 | 90.7 | 90.8 | 90.8 | 91.3 | 91.4 | 91.4 | 91.6 | 91.6 | 91.7 | 91.8 |
| ≥ 1800 | 50.5 | 85.7 | 87.9 | 89.7 | 90.8 | 90.8 | 91.2 | 91.3 | 91.3 | 91.8 | 91.9 | 91.9 | 92.1 | 92.1 | 92.2 | 92.3 |
| ≥ 1500 | 51.1 | 87.1 | 89.4 | 91.3 | 92.4 | 92.5 | 92.8 | 93.0 | 93.0 | 93.5 | 93.6 | 93.6 | 93.8 | 93.8 | 93.9 | 94.0 |
| ≥ 1200 | 51.5 | 87.9 | 90.3 | 92.3 | 93.4 | 93.5 | 93.8 | 94.0 | 94.0 | 94.6 | 94.6 | 94.6 | 94.8 | 94.9 | 94.9 | 95.1 |
| ≥ 1000 | 51.7 | 88.5 | 90.9 | 93.0 | 94.2 | 94.3 | 94.6 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 95.7 | 95.8 | 95.9 | 96.0 |
| ≥ 900 | 51.8 | 88.6 | 91.0 | 93.2 | 94.5 | 94.5 | 94.9 | 95.1 | 95.1 | 95.6 | 95.7 | 95.7 | 96.0 | 96.0 | 96.1 | 96.2 |
| ≥ 800 | 51.9 | 88.8 | 91.3 | 93.6 | 94.9 | 95.0 | 95.4 | 95.6 | 95.6 | 96.2 | 96.2 | 96.2 | 96.5 | 96.7 | 96.7 | 96.8 |
| ≥ 700 | 52.0 | 89.2 | 91.7 | 94.1 | 95.4 | 95.5 | 95.9 | 96.1 | 96.1 | 96.7 | 96.8 | 96.8 | 97.1 | 97.2 | 97.3 | 97.4 |
| ≥ 600 | 52.0 | 89.5 | 92.1 | 94.7 | 96.1 | 96.1 | 96.6 | 96.8 | 96.8 | 97.4 | 97.5 | 97.5 | 97.8 | 97.9 | 98.0 | 98.1 |
| ≥ 500 | 52.0 | 89.7 | 92.3 | 95.0 | 96.5 | 96.5 | 97.0 | 97.2 | 97.2 | 97.8 | 97.9 | 97.9 | 98.3 | 98.4 | 98.5 | 98.6 |
| ≥ 400 | 52.0 | 89.8 | 92.4 | 95.1 | 96.6 | 96.7 | 97.2 | 97.4 | 97.4 | 98.0 | 98.2 | 98.2 | 98.5 | 98.6 | 98.9 | 99.0 |
| ≥ 300 | 52.1 | 89.9 | 92.6 | 95.3 | 96.8 | 96.8 | 97.4 | 97.6 | 97.7 | 98.3 | 98.4 | 98.4 | 98.8 | 98.9 | 99.1 | 99.2 |
| ≥ 200 | 52.1 | 89.9 | 92.6 | 95.3 | 96.8 | 96.8 | 97.4 | 97.6 | 97.7 | 98.4 | 98.6 | 98.6 | 99.0 | 99.1 | 99.4 | 99.5 |
| ≥ 100 | 52.1 | 89.9 | 92.6 | 95.3 | 96.8 | 96.8 | 97.4 | 97.7 | 97.7 | 98.6 | 98.7 | 98.7 | 99.2 | 99.3 | 99.7 | 99.8 |
| ≥ 0 | 52.1 | 89.9 | 92.6 | 95.3 | 96.8 | 96.8 | 97.4 | 97.7 | 97.7 | 98.6 | 98.7 | 98.7 | 99.2 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2632

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.8 | 50.9 | 52.8 | 54.5 | 55.6 | 55.8 | 56.2 | 56.4 | 56.4 | 56.6 | 56.7 | 56.7 | 56.8 | 57.0 | 57.2 | 57.2 |
| ≥ 20000 | 38.9 | 57.8 | 60.0 | 61.8 | 63.1 | 63.3 | 63.7 | 64.0 | 64.0 | 64.1 | 64.3 | 64.3 | 64.4 | 64.6 | 64.8 | 64.8 |
| ≥ 18000 | 39.0 | 57.9 | 60.1 | 62.0 | 63.3 | 63.4 | 63.9 | 64.1 | 64.2 | 64.3 | 64.4 | 64.4 | 64.6 | 64.7 | 65.0 | 65.1 |
| ≥ 16000 | 39.0 | 58.2 | 60.4 | 62.2 | 63.5 | 63.7 | 64.2 | 64.4 | 64.4 | 64.6 | 64.7 | 64.7 | 64.8 | 65.0 | 65.3 | 65.4 |
| ≥ 14000 | 39.9 | 59.3 | 61.6 | 63.5 | 64.8 | 65.0 | 65.5 | 65.7 | 65.8 | 65.9 | 66.0 | 66.0 | 66.2 | 66.3 | 66.6 | 66.7 |
| ≥ 12000 | 41.6 | 62.5 | 64.9 | 66.9 | 68.5 | 68.8 | 69.4 | 69.6 | 69.6 | 69.8 | 69.9 | 69.9 | 70.0 | 70.2 | 70.4 | 70.5 |
| ≥ 10000 | 43.4 | 66.0 | 68.7 | 71.0 | 72.7 | 73.0 | 73.6 | 73.8 | 74.5 | 74.7 | 74.8 | 74.9 | 75.1 | 75.1 | 75.2 | 75.4 |
| ≥ 9000 | 43.7 | 66.8 | 69.5 | 71.8 | 73.6 | 73.8 | 74.5 | 74.7 | 74.8 | 74.9 | 75.1 | 75.1 | 75.2 | 75.4 | 75.7 | 75.8 |
| ≥ 8000 | 44.8 | 68.9 | 71.7 | 74.1 | 76.0 | 76.3 | 77.0 | 77.2 | 77.3 | 77.4 | 77.6 | 77.6 | 77.7 | 77.9 | 78.2 | 78.3 |
| ≥ 7000 | 45.5 | 70.3 | 73.3 | 75.8 | 77.7 | 78.0 | 78.7 | 79.0 | 79.0 | 79.2 | 79.3 | 79.3 | 79.3 | 79.5 | 79.6 | 79.9 |
| ≥ 6000 | 45.8 | 70.8 | 73.8 | 76.3 | 78.3 | 78.6 | 79.3 | 79.6 | 79.6 | 79.8 | 80.0 | 80.0 | 80.1 | 80.3 | 80.6 | 80.7 |
| ≥ 5000 | 46.2 | 71.4 | 74.4 | 77.0 | 79.0 | 79.3 | 80.0 | 80.2 | 80.3 | 80.5 | 80.6 | 80.6 | 80.8 | 80.9 | 81.2 | 81.3 |
| ≥ 4500 | 46.4 | 71.7 | 74.7 | 77.3 | 79.2 | 79.5 | 80.3 | 80.5 | 80.5 | 80.7 | 80.9 | 80.9 | 81.0 | 81.2 | 81.5 | 81.6 |
| ≥ 4000 | 46.6 | 72.2 | 75.2 | 77.8 | 79.8 | 80.1 | 80.9 | 81.1 | 81.1 | 81.3 | 81.5 | 81.5 | 81.6 | 81.8 | 82.1 | 82.2 |
| ≥ 3500 | 46.9 | 72.8 | 75.8 | 78.6 | 80.7 | 81.0 | 81.7 | 82.0 | 82.0 | 82.2 | 82.4 | 82.4 | 82.5 | 82.7 | 83.0 | 83.1 |
| ≥ 3000 | 47.3 | 73.6 | 76.7 | 79.6 | 81.7 | 82.0 | 82.9 | 83.1 | 83.2 | 83.4 | 83.5 | 83.5 | 83.7 | 83.8 | 84.1 | 84.2 |
| ≥ 2500 | 48.3 | 75.3 | 78.5 | 81.5 | 83.9 | 84.2 | 85.0 | 85.3 | 85.3 | 85.5 | 85.7 | 85.7 | 85.8 | 86.0 | 86.3 | 86.4 |
| ≥ 2000 | 49.6 | 77.4 | 80.8 | 83.9 | 86.5 | 86.8 | 87.7 | 88.0 | 88.1 | 88.3 | 88.5 | 88.5 | 88.7 | 88.9 | 89.1 | 89.2 |
| ≥ 1800 | 49.7 | 77.6 | 81.1 | 84.2 | 86.9 | 87.2 | 88.1 | 88.4 | 88.5 | 88.8 | 89.0 | 89.0 | 89.1 | 89.3 | 89.6 | 89.7 |
| ≥ 1500 | 50.2 | 78.8 | 82.3 | 85.5 | 88.3 | 88.6 | 89.5 | 89.8 | 89.9 | 90.2 | 90.4 | 90.4 | 90.5 | 90.7 | 91.0 | 91.1 |
| ≥ 1200 | 50.3 | 79.5 | 83.1 | 86.4 | 89.3 | 89.7 | 90.6 | 90.9 | 90.9 | 91.2 | 91.5 | 91.5 | 91.7 | 91.9 | 92.1 | 92.3 |
| ≥ 1000 | 50.9 | 80.5 | 84.1 | 87.4 | 90.5 | 90.8 | 91.9 | 92.2 | 92.2 | 92.6 | 92.8 | 92.8 | 93.1 | 93.2 | 93.5 | 93.7 |
| ≥ 900 | 51.1 | 80.9 | 84.6 | 87.9 | 91.1 | 91.4 | 92.5 | 92.8 | 92.8 | 93.2 | 93.5 | 93.5 | 93.7 | 93.9 | 94.1 | 94.3 |
| ≥ 800 | 51.3 | 81.4 | 85.1 | 88.6 | 92.0 | 92.3 | 93.5 | 93.9 | 93.9 | 94.4 | 94.6 | 94.6 | 94.9 | 95.1 | 95.4 | 95.6 |
| ≥ 700 | 51.5 | 81.9 | 85.6 | 89.1 | 92.6 | 92.9 | 94.2 | 94.6 | 94.6 | 95.1 | 95.4 | 95.4 | 95.7 | 95.8 | 96.1 | 96.3 |
| ≥ 600 | 51.6 | 82.2 | 86.1 | 89.7 | 93.3 | 93.7 | 95.0 | 95.4 | 95.5 | 95.9 | 96.2 | 96.2 | 96.5 | 96.7 | 96.9 | 97.1 |
| ≥ 500 | 51.7 | 82.6 | 86.6 | 90.3 | 94.2 | 94.5 | 95.9 | 96.4 | 96.4 | 97.0 | 97.4 | 97.4 | 97.8 | 97.9 | 98.3 | 98.5 |
| ≥ 400 | 51.7 | 82.7 | 86.8 | 90.5 | 94.5 | 94.8 | 96.3 | 96.8 | 96.8 | 97.4 | 97.8 | 97.8 | 98.2 | 98.3 | 98.7 | 98.9 |
| ≥ 300 | 51.7 | 82.8 | 86.8 | 90.5 | 94.5 | 94.9 | 96.4 | 97.0 | 97.0 | 97.7 | 98.1 | 98.1 | 98.5 | 98.6 | 99.0 | 99.3 |
| ≥ 200 | 51.7 | 82.8 | 86.8 | 90.5 | 94.5 | 94.9 | 96.4 | 97.0 | 97.0 | 97.7 | 98.1 | 98.2 | 98.6 | 98.8 | 99.3 | 99.6 |
| ≥ 100 | 51.7 | 82.8 | 86.8 | 90.5 | 94.6 | 94.9 | 96.5 | 97.0 | 97.0 | 97.8 | 98.2 | 98.2 | 98.7 | 99.0 | 99.5 | 99.9 |
| ≥ 0 | 51.7 | 82.8 | 86.8 | 90.5 | 94.6 | 94.9 | 96.5 | 97.0 | 97.0 | 97.8 | 98.2 | 98.2 | 98.7 | 99.0 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

7947

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 42.0 | 54.5 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 20000 | 48.5 | 63.4 | 64.0 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 18000 | 48.7 | 63.6 | 64.2 | 64.5 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 16000 | 48.9 | 64.0 | 64.6 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 14000 | 50.1 | 65.4 | 66.1 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 12000 | 52.7 | 69.3 | 70.1 | 70.5 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 10000 | 54.8 | 73.3 | 74.5 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 9000 | 55.1 | 73.9 | 75.1 | 75.5 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 8000 | 56.6 | 76.3 | 77.5 | 77.9 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 7000 | 57.3 | 77.6 | 78.9 | 79.4 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 6000 | 57.7 | 78.1 | 79.4 | 79.9 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 5000 | 57.9 | 78.3 | 79.6 | 80.1 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 4500 | 57.9 | 78.3 | 79.7 | 80.2 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 4000 | 58.3 | 79.3 | 80.8 | 81.3 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 3500 | 58.5 | 79.8 | 81.3 | 81.8 | 82.3 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 3000 | 59.3 | 80.6 | 82.2 | 82.8 | 83.4 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 2500 | 60.7 | 82.6 | 84.2 | 84.9 | 85.5 | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 2000 | 62.3 | 85.2 | 86.9 | 87.9 | 88.7 | 88.8 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1800 | 62.5 | 85.6 | 87.3 | 88.3 | 89.2 | 89.2 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1500 | 63.4 | 87.3 | 89.3 | 90.4 | 91.2 | 91.2 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 1200 | 63.8 | 88.4 | 90.5 | 91.7 | 92.6 | 92.6 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1000 | 64.4 | 89.6 | 91.8 | 93.2 | 94.4 | 94.5 | 95.2 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 900 | 64.7 | 89.9 | 92.3 | 93.7 | 94.9 | 95.0 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 800 | 64.9 | 90.8 | 93.2 | 94.7 | 96.2 | 96.3 | 97.1 | 97.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 65.0 | 91.1 | 93.4 | 95.0 | 96.5 | 96.6 | 97.4 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 65.0 | 91.3 | 93.8 | 95.4 | 97.0 | 97.1 | 98.0 | 98.1 | 98.1 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 65.1 | 91.5 | 94.1 | 95.8 | 97.5 | 97.6 | 98.6 | 98.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 400 | 65.1 | 91.5 | 94.1 | 95.8 | 97.6 | 97.7 | 98.8 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 300 | 65.1 | 91.5 | 94.1 | 95.8 | 97.7 | 97.7 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 200 | 65.1 | 91.5 | 94.1 | 95.8 | 97.7 | 97.7 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 100 | 65.1 | 91.5 | 94.1 | 95.8 | 97.7 | 97.7 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 0 | 65.1 | 91.5 | 94.1 | 95.8 | 97.7 | 97.7 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2931

USAF ETAC

FORM
JUL 64

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLEP AFB MISSISSIPPI/BILLOXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS TEST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5-16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 42.1 | 51.4 | 51.8 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 20000 | 52.3 | 64.4 | 64.9 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 18000 | 52.4 | 64.6 | 65.1 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 16000 | 52.7 | 65.0 | 65.5 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 14000 | 53.1 | 65.8 | 66.3 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 12000 | 56.2 | 70.1 | 70.6 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 10000 | 58.4 | 73.5 | 74.1 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 9000 | 59.1 | 74.4 | 75.0 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 8000 | 61.2 | 77.3 | 78.1 | 78.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 7000 | 61.9 | 78.6 | 79.4 | 79.6 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 6000 | 62.2 | 79.0 | 79.7 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 5000 | 62.4 | 79.4 | 80.1 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 4500 | 62.4 | 79.4 | 80.1 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 4000 | 62.8 | 80.3 | 81.2 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 3500 | 63.3 | 81.0 | 81.9 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3000 | 64.5 | 82.8 | 83.9 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 2500 | 66.1 | 85.3 | 86.6 | 87.1 | 87.4 | 87.4 | 87.5 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 2000 | 67.8 | 88.2 | 89.6 | 90.2 | 90.7 | 90.8 | 91.1 | 91.1 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1800 | 68.2 | 89.0 | 90.4 | 91.0 | 91.5 | 91.6 | 91.9 | 91.9 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1500 | 69.0 | 90.8 | 92.4 | 93.2 | 93.8 | 93.9 | 94.2 | 94.3 | 94.3 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1200 | 69.4 | 91.7 | 93.5 | 94.4 | 95.2 | 95.2 | 95.5 | 95.7 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1000 | 69.6 | 92.5 | 94.4 | 95.4 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 900 | 69.7 | 92.8 | 94.7 | 95.7 | 96.6 | 96.7 | 97.1 | 97.3 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 69.8 | 93.1 | 95.1 | 96.2 | 97.1 | 97.2 | 97.6 | 97.8 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 69.8 | 93.3 | 95.3 | 96.4 | 97.4 | 97.4 | 97.9 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 69.8 | 93.5 | 95.5 | 96.6 | 97.8 | 97.9 | 98.5 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 69.8 | 93.5 | 95.5 | 96.7 | 98.0 | 98.1 | 98.8 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 |
| ≥ 400 | 69.8 | 93.5 | 95.6 | 96.8 | 98.0 | 98.2 | 98.9 | 99.0 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 |
| ≥ 300 | 69.8 | 93.6 | 95.7 | 96.9 | 98.2 | 98.4 | 99.1 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 |
| ≥ 200 | 69.8 | 93.6 | 95.7 | 96.9 | 98.2 | 98.4 | 99.1 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 69.8 | 93.6 | 95.7 | 96.9 | 98.2 | 98.4 | 99.1 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 69.8 | 93.6 | 95.7 | 96.9 | 98.2 | 98.4 | 99.1 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2936

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 39.4 | 48.5 | 48.9 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 20000 | 52.6 | 65.1 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 18000 | 52.8 | 65.3 | 65.8 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 16000 | 53.0 | 65.7 | 66.3 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 14000 | 54.0 | 67.1 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 12000 | 56.4 | 70.5 | 71.2 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 10000 | 58.8 | 74.4 | 75.2 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 9000 | 60.1 | 76.0 | 76.7 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 8000 | 62.2 | 79.3 | 79.9 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 7000 | 62.9 | 80.9 | 81.9 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 6000 | 63.2 | 81.4 | 82.4 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 5000 | 63.5 | 81.8 | 82.8 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 4500 | 63.5 | 82.1 | 83.1 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 4000 | 64.2 | 82.9 | 84.0 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 3500 | 64.8 | 83.9 | 84.9 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 3000 | 65.9 | 85.4 | 86.5 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 2500 | 67.4 | 87.9 | 89.1 | 90.0 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 2000 | 68.4 | 90.1 | 91.7 | 92.9 | 93.2 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 68.7 | 90.4 | 92.0 | 93.3 | 93.6 | 93.7 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1500 | 69.3 | 91.6 | 93.3 | 94.7 | 95.2 | 95.3 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1200 | 69.5 | 92.2 | 94.1 | 95.4 | 96.1 | 96.2 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1000 | 69.7 | 92.8 | 94.7 | 96.3 | 97.1 | 97.3 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 69.7 | 92.9 | 94.8 | 96.4 | 97.3 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 69.8 | 93.1 | 95.1 | 96.8 | 97.7 | 97.8 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 69.8 | 93.3 | 95.3 | 97.0 | 97.9 | 98.0 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 69.8 | 93.4 | 95.4 | 97.2 | 98.2 | 98.3 | 98.6 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 69.9 | 93.5 | 95.5 | 97.4 | 98.5 | 98.6 | 99.0 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 |
| ≥ 400 | 69.9 | 93.6 | 95.6 | 97.4 | 98.5 | 98.7 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 300 | 69.9 | 93.6 | 95.6 | 97.5 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 69.9 | 93.6 | 95.6 | 97.5 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 69.9 | 93.6 | 95.6 | 97.5 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 69.9 | 93.6 | 95.6 | 97.5 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2919

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 40.9 | 53.5 | 54.1 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 20000 | 51.0 | 67.6 | 68.4 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 18000 | 51.1 | 67.7 | 68.6 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 16000 | 51.2 | 67.9 | 68.8 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 14000 | 52.3 | 70.0 | 71.0 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 12000 | 54.6 | 73.4 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 10000 | 56.2 | 76.6 | 77.7 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 9000 | 56.7 | 77.7 | 78.8 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 8000 | 58.9 | 81.1 | 82.3 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 7000 | 59.6 | 83.1 | 84.4 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 6000 | 59.7 | 83.6 | 84.9 | 85.3 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 5000 | 60.0 | 84.4 | 85.7 | 86.1 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 4500 | 60.1 | 84.6 | 85.8 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 4000 | 60.7 | 85.4 | 86.8 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 3500 | 60.9 | 85.6 | 87.2 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 3000 | 61.6 | 87.0 | 88.4 | 88.9 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 2500 | 62.6 | 88.7 | 90.2 | 90.8 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 2000 | 63.1 | 90.5 | 92.2 | 92.9 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1800 | 63.4 | 91.0 | 92.6 | 93.3 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1500 | 64.0 | 92.4 | 94.2 | 95.1 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1200 | 64.4 | 93.2 | 95.1 | 96.0 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1000 | 64.4 | 93.8 | 95.7 | 96.8 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 64.6 | 94.2 | 96.0 | 97.1 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 800 | 64.7 | 94.4 | 96.4 | 97.5 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 64.7 | 94.5 | 96.5 | 97.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 64.7 | 94.6 | 96.6 | 97.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 64.7 | 94.7 | 96.7 | 97.9 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 400 | 64.7 | 94.7 | 96.7 | 97.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 64.7 | 94.7 | 96.7 | 97.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 64.7 | 94.7 | 96.7 | 97.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 64.7 | 94.7 | 96.7 | 97.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 64.7 | 94.7 | 96.7 | 97.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2910

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 46.4 | 65.2 | 65.0 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 20000 | 51.6 | 73.0 | 73.6 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 18000 | 51.8 | 73.2 | 73.7 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 16000 | 51.9 | 73.4 | 74.1 | 74.4 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 14000 | 52.0 | 74.6 | 75.5 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 12000 | 54.5 | 78.1 | 78.8 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 10000 | 55.4 | 80.3 | 81.0 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 9000 | 55.8 | 80.8 | 81.5 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 8000 | 57.1 | 83.5 | 84.2 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 7000 | 57.9 | 85.0 | 85.8 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 6000 | 58.0 | 85.5 | 86.2 | 86.8 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 5000 | 58.3 | 86.3 | 87.1 | 87.7 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 4500 | 58.4 | 86.6 | 87.5 | 88.1 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 58.8 | 87.2 | 88.0 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3500 | 59.1 | 87.9 | 88.7 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 3000 | 59.6 | 89.0 | 89.9 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 2500 | 59.9 | 90.0 | 90.9 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 2000 | 60.5 | 92.0 | 93.0 | 93.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1800 | 60.7 | 92.5 | 93.5 | 94.4 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1500 | 61.1 | 93.6 | 94.7 | 95.7 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1200 | 61.2 | 94.1 | 95.3 | 96.3 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1000 | 61.4 | 94.7 | 96.0 | 97.1 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 61.4 | 94.9 | 96.2 | 97.3 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 61.5 | 95.1 | 96.4 | 97.6 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 61.6 | 95.3 | 96.7 | 97.9 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 61.6 | 95.6 | 96.9 | 98.2 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 61.6 | 95.8 | 97.2 | 98.5 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 61.6 | 95.9 | 97.2 | 98.6 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 61.6 | 95.9 | 97.3 | 98.6 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 61.6 | 95.9 | 97.3 | 98.6 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 61.6 | 95.9 | 97.3 | 98.6 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 61.6 | 95.9 | 97.3 | 98.6 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2552

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/DILOXI

42-64,69,73-74

JCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS TEST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 42.5 | 73.4 | 75.3 | 76.3 | 77.5 | 77.9 | 78.3 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.9 | 78.9 | 79.1 | 79.6 |
| ≥ 20000 | 44.0 | 76.5 | 78.4 | 79.5 | 80.8 | 81.2 | 81.6 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.4 | 82.0 |
| ≥ 18000 | 44.1 | 76.6 | 78.5 | 79.5 | 80.9 | 81.3 | 81.7 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.3 | 82.3 | 82.5 | 83.1 |
| ≥ 16000 | 44.1 | 76.7 | 78.7 | 79.7 | 81.0 | 81.4 | 81.9 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.5 | 82.5 | 82.6 | 83.2 |
| ≥ 14000 | 44.7 | 77.7 | 79.7 | 80.7 | 82.0 | 82.4 | 82.9 | 83.0 | 83.0 | 83.2 | 83.3 | 83.3 | 83.5 | 83.5 | 83.6 | 84.2 |
| ≥ 12000 | 45.1 | 78.9 | 81.0 | 82.0 | 83.3 | 83.7 | 84.2 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.8 | 84.8 | 84.9 | 85.5 |
| ≥ 10000 | 45.9 | 81.2 | 83.3 | 84.3 | 85.7 | 86.0 | 86.5 | 86.7 | 86.7 | 86.8 | 86.9 | 86.9 | 87.1 | 87.1 | 87.3 | 87.9 |
| ≥ 9000 | 46.2 | 81.9 | 83.9 | 85.0 | 86.3 | 86.7 | 87.1 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.7 | 87.7 | 87.9 | 88.5 |
| ≥ 8000 | 46.4 | 82.4 | 84.6 | 85.7 | 87.0 | 87.4 | 87.8 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.4 | 88.4 | 88.6 | 89.2 |
| ≥ 7000 | 46.5 | 82.9 | 85.1 | 86.2 | 87.5 | 87.9 | 88.4 | 88.6 | 88.6 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.2 | 89.8 |
| ≥ 6000 | 46.8 | 83.5 | 85.3 | 86.9 | 88.3 | 88.6 | 89.1 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.7 | 89.7 | 89.9 | 90.5 |
| ≥ 5000 | 47.1 | 84.1 | 86.3 | 87.5 | 88.8 | 89.2 | 89.7 | 89.8 | 89.8 | 90.0 | 90.1 | 90.1 | 90.3 | 90.3 | 90.4 | 91.1 |
| ≥ 4500 | 47.2 | 84.2 | 86.5 | 87.7 | 89.0 | 89.4 | 89.8 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.6 | 91.2 |
| ≥ 4000 | 47.2 | 84.7 | 87.1 | 88.3 | 89.6 | 90.0 | 90.5 | 90.6 | 90.6 | 90.8 | 90.9 | 90.9 | 91.1 | 91.1 | 91.2 | 91.9 |
| ≥ 3500 | 47.2 | 85.0 | 87.4 | 88.7 | 90.0 | 90.4 | 90.9 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 | 91.5 | 91.5 | 91.6 | 92.3 |
| ≥ 3000 | 47.4 | 85.4 | 87.9 | 89.2 | 90.5 | 90.9 | 91.3 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.9 | 91.9 | 92.1 | 92.7 |
| ≥ 2500 | 47.5 | 86.1 | 88.6 | 89.9 | 91.2 | 91.6 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.7 | 92.7 | 92.8 | 93.5 |
| ≥ 2000 | 47.7 | 86.7 | 89.4 | 90.7 | 92.1 | 92.5 | 93.0 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.6 | 93.6 | 93.7 | 94.4 |
| ≥ 1800 | 47.8 | 87.0 | 89.7 | 91.0 | 92.4 | 92.7 | 93.2 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.8 | 93.8 | 94.0 | 94.6 |
| ≥ 1500 | 48.0 | 87.4 | 90.2 | 91.5 | 92.9 | 93.3 | 93.8 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.6 | 95.2 |
| ≥ 1200 | 48.1 | 88.0 | 91.8 | 92.1 | 93.6 | 93.7 | 94.4 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.2 | 95.9 |
| ≥ 1000 | 48.2 | 88.5 | 91.2 | 92.6 | 94.0 | 94.4 | 94.9 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.7 | 96.3 |
| ≥ 900 | 48.2 | 88.5 | 91.3 | 92.7 | 94.1 | 94.4 | 95.0 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.6 | 95.6 | 95.7 | 96.4 |
| ≥ 800 | 48.4 | 89.1 | 91.8 | 93.2 | 94.6 | 95.0 | 95.5 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.3 | 96.9 |
| ≥ 700 | 48.5 | 89.4 | 92.2 | 93.6 | 95.0 | 95.4 | 95.9 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.7 | 97.4 |
| ≥ 600 | 48.6 | 89.8 | 92.8 | 94.3 | 95.8 | 96.2 | 96.7 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.5 | 98.1 |
| ≥ 500 | 48.7 | 90.1 | 93.2 | 94.6 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.9 | 98.5 |
| ≥ 400 | 48.7 | 90.4 | 93.5 | 94.9 | 96.5 | 96.9 | 97.4 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.2 | 98.8 |
| ≥ 300 | 48.7 | 90.5 | 93.6 | 95.2 | 96.5 | 97.2 | 97.8 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.5 | 98.5 | 98.6 | 99.3 |
| ≥ 200 | 48.7 | 90.6 | 93.7 | 95.3 | 97.0 | 97.4 | 98.0 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 99.5 |
| ≥ 100 | 48.7 | 90.6 | 93.8 | 95.3 | 97.1 | 97.4 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 99.0 | 99.7 |
| ≥ 0 | 48.7 | 90.6 | 93.8 | 95.3 | 97.1 | 97.4 | 98.1 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2342

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-65,67,69-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥4 | ≥0 |
| NO CEILING | 40.1 | 68.8 | 71.0 | 72.3 | 73.4 | 73.5 | 74.0 | 74.3 | 74.4 | 74.6 | 75.0 | 75.8 | 75.3 | 75.4 | 75.7 | 76.7 |
| ≥ 20000 | 41.2 | 71.1 | 73.3 | 74.7 | 75.9 | 76.1 | 76.6 | 76.8 | 76.9 | 77.4 | 77.6 | 77.7 | 78.0 | 78.0 | 78.3 | 79.4 |
| ≥ 18000 | 41.4 | 71.4 | 73.6 | 75.0 | 76.2 | 76.4 | 76.8 | 77.1 | 77.2 | 77.7 | 77.9 | 78.0 | 78.2 | 78.3 | 78.6 | 79.6 |
| ≥ 16000 | 41.5 | 71.4 | 73.6 | 75.0 | 76.2 | 76.4 | 76.9 | 77.1 | 77.2 | 77.7 | 77.9 | 78.0 | 78.3 | 78.3 | 78.6 | 79.7 |
| ≥ 14000 | 41.7 | 72.3 | 74.6 | 76.1 | 77.2 | 77.4 | 77.9 | 78.2 | 78.2 | 78.8 | 78.9 | 79.0 | 79.3 | 79.4 | 79.7 | 80.7 |
| ≥ 12000 | 42.9 | 73.8 | 76.1 | 77.6 | 78.8 | 79.0 | 79.5 | 79.7 | 79.8 | 80.3 | 80.5 | 80.6 | 80.9 | 81.0 | 81.3 | 82.3 |
| ≥ 10000 | 43.2 | 75.0 | 77.4 | 78.9 | 80.0 | 80.2 | 80.7 | 81.0 | 81.0 | 81.6 | 81.8 | 81.9 | 82.1 | 82.2 | 82.5 | 83.6 |
| ≥ 9000 | 43.4 | 75.4 | 77.8 | 79.3 | 80.5 | 80.7 | 81.2 | 81.4 | 81.5 | 82.0 | 82.2 | 82.3 | 82.6 | 82.7 | 83.0 | 84.0 |
| ≥ 8000 | 43.6 | 75.6 | 79.0 | 80.5 | 81.7 | 81.9 | 82.4 | 82.7 | 82.7 | 83.3 | 83.4 | 83.6 | 83.8 | 83.9 | 84.2 | 85.2 |
| ≥ 7000 | 43.9 | 77.3 | 79.7 | 81.2 | 82.4 | 82.6 | 83.1 | 83.4 | 83.4 | 84.0 | 84.2 | 84.3 | 84.6 | 84.6 | 85.0 | 86.0 |
| ≥ 6000 | 44.0 | 77.5 | 79.9 | 81.4 | 82.7 | 82.8 | 83.3 | 83.6 | 83.7 | 84.2 | 84.4 | 84.5 | 84.8 | 84.9 | 85.2 | 86.2 |
| ≥ 5000 | 44.4 | 78.1 | 80.5 | 82.0 | 83.3 | 83.4 | 83.9 | 84.2 | 84.3 | 84.8 | 85.0 | 85.1 | 85.4 | 85.5 | 85.8 | 86.8 |
| ≥ 4500 | 44.5 | 78.2 | 80.7 | 82.2 | 83.4 | 83.6 | 84.1 | 84.3 | 84.4 | 85.0 | 85.2 | 85.3 | 85.5 | 85.6 | 85.9 | 87.0 |
| ≥ 4000 | 44.8 | 78.8 | 81.3 | 82.8 | 84.1 | 84.4 | 84.9 | 85.1 | 85.2 | 85.8 | 85.9 | 86.1 | 86.3 | 86.4 | 86.7 | 87.7 |
| ≥ 3500 | 45.0 | 79.3 | 81.8 | 83.4 | 84.8 | 85.0 | 85.5 | 85.8 | 85.8 | 86.4 | 86.5 | 86.7 | 87.0 | 87.0 | 87.4 | 88.4 |
| ≥ 3000 | 45.4 | 80.1 | 82.7 | 84.3 | 85.7 | 85.9 | 86.4 | 86.7 | 86.8 | 87.3 | 87.5 | 87.6 | 87.9 | 88.0 | 88.3 | 89.3 |
| ≥ 2500 | 45.5 | 80.8 | 83.6 | 85.2 | 86.6 | 86.8 | 87.3 | 87.6 | 87.7 | 88.2 | 88.4 | 88.5 | 88.8 | 88.9 | 89.2 | 90.2 |
| ≥ 2000 | 45.9 | 82.0 | 84.9 | 86.7 | 88.2 | 88.4 | 88.9 | 89.2 | 89.2 | 89.8 | 90.0 | 90.1 | 90.4 | 90.4 | 90.8 | 91.8 |
| ≥ 1800 | 46.0 | 82.1 | 85.1 | 87.0 | 88.5 | 88.8 | 89.2 | 89.5 | 89.6 | 90.1 | 90.3 | 90.4 | 90.7 | 90.8 | 91.1 | 92.1 |
| ≥ 1500 | 46.2 | 82.8 | 85.8 | 87.7 | 89.3 | 89.5 | 90.0 | 90.3 | 90.4 | 90.9 | 91.1 | 91.2 | 91.5 | 91.6 | 91.9 | 93.0 |
| ≥ 1200 | 46.4 | 83.6 | 86.6 | 88.7 | 90.3 | 90.6 | 91.0 | 91.3 | 91.4 | 91.9 | 92.1 | 92.2 | 92.5 | 92.6 | 92.9 | 94.0 |
| ≥ 1000 | 46.6 | 84.1 | 87.2 | 89.3 | 91.0 | 91.2 | 91.7 | 92.0 | 92.1 | 92.6 | 92.8 | 92.9 | 93.2 | 93.3 | 93.6 | 94.6 |
| ≥ 900 | 46.7 | 84.2 | 87.3 | 89.5 | 91.2 | 91.4 | 91.9 | 92.2 | 92.2 | 92.8 | 93.0 | 93.1 | 93.4 | 93.4 | 93.8 | 94.8 |
| ≥ 800 | 46.8 | 84.6 | 87.5 | 90.0 | 91.7 | 92.0 | 92.5 | 92.7 | 92.8 | 93.4 | 93.6 | 93.7 | 93.9 | 94.0 | 94.3 | 95.4 |
| ≥ 700 | 47.0 | 85.0 | 88.2 | 90.4 | 92.3 | 92.5 | 93.0 | 93.3 | 93.4 | 93.9 | 94.1 | 94.2 | 94.5 | 94.6 | 94.9 | 96.0 |
| ≥ 600 | 47.0 | 85.2 | 88.5 | 90.7 | 92.7 | 92.9 | 93.5 | 93.8 | 93.9 | 94.4 | 94.5 | 94.7 | 95.0 | 95.1 | 95.4 | 96.4 |
| ≥ 500 | 47.2 | 85.5 | 88.9 | 91.3 | 93.3 | 93.6 | 94.2 | 94.5 | 94.5 | 95.1 | 95.3 | 95.6 | 95.7 | 95.7 | 96.1 | 97.1 |
| ≥ 400 | 47.2 | 85.8 | 89.4 | 91.9 | 93.9 | 94.1 | 94.8 | 95.1 | 95.1 | 95.7 | 96.0 | 96.1 | 96.3 | 96.4 | 96.7 | 97.8 |
| ≥ 300 | 47.3 | 86.1 | 89.7 | 92.2 | 94.2 | 94.5 | 95.3 | 95.6 | 95.7 | 96.2 | 96.5 | 96.6 | 96.9 | 96.9 | 97.3 | 98.3 |
| ≥ 200 | 47.3 | 86.2 | 89.8 | 92.2 | 94.3 | 94.6 | 95.5 | 95.8 | 95.9 | 96.5 | 96.8 | 96.9 | 97.3 | 97.4 | 97.8 | 98.8 |
| ≥ 100 | 47.3 | 86.2 | 89.8 | 92.3 | 94.4 | 94.7 | 95.7 | 96.0 | 96.1 | 96.7 | 97.0 | 97.2 | 97.5 | 97.6 | 98.1 | 99.3 |
| ≥ 0 | 47.3 | 86.2 | 89.8 | 92.3 | 94.4 | 94.7 | 95.7 | 96.0 | 96.1 | 96.8 | 97.1 | 97.3 | 97.7 | 97.8 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS.....

2669

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-67,69-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥1 | ≥.5 | ≥.25 | ≥.15 | ≥.10 | ≥.05 | ≥0 |
| NO CEILING | 37.5 | 59.9 | 62.8 | 64.2 | 65.5 | 65.8 | 66.5 | 66.7 | 66.8 | 67.1 | 67.2 | 67.3 | 67.6 | 67.6 | 67.7 | 68.1 |
| ≥ 20000 | 40.3 | 65.1 | 68.3 | 69.8 | 71.2 | 71.5 | 72.3 | 72.5 | 72.7 | 73.0 | 73.1 | 73.2 | 73.5 | 73.5 | 73.7 | 74.1 |
| ≥ 18000 | 40.4 | 65.4 | 68.6 | 70.2 | 71.6 | 71.9 | 72.7 | 72.9 | 73.1 | 73.4 | 73.5 | 73.6 | 73.9 | 73.9 | 74.1 | 74.5 |
| ≥ 16000 | 40.4 | 65.4 | 68.6 | 70.2 | 71.7 | 72.0 | 72.7 | 73.0 | 73.1 | 73.4 | 73.5 | 73.6 | 73.9 | 74.0 | 74.1 | 74.6 |
| ≥ 14000 | 40.9 | 66.6 | 69.8 | 71.4 | 72.9 | 73.2 | 74.0 | 74.2 | 74.4 | 74.7 | 74.8 | 74.9 | 75.2 | 75.3 | 75.4 | 75.9 |
| ≥ 12000 | 41.9 | 68.2 | 71.5 | 73.1 | 74.6 | 74.9 | 75.7 | 76.0 | 76.1 | 76.4 | 76.5 | 76.6 | 76.9 | 77.0 | 77.1 | 77.6 |
| ≥ 10000 | 43.1 | 70.3 | 73.6 | 75.6 | 77.1 | 77.4 | 78.1 | 78.4 | 78.5 | 78.9 | 79.0 | 79.1 | 79.4 | 79.4 | 79.6 | 80.0 |
| ≥ 9000 | 43.4 | 70.7 | 74.2 | 76.1 | 77.7 | 78.0 | 78.7 | 79.0 | 79.1 | 79.5 | 79.6 | 79.7 | 80.0 | 80.0 | 80.2 | 80.6 |
| ≥ 8000 | 43.8 | 71.9 | 75.4 | 77.6 | 79.2 | 79.5 | 80.2 | 80.5 | 80.6 | 81.0 | 81.1 | 81.2 | 81.5 | 81.6 | 81.7 | 82.2 |
| ≥ 7000 | 44.4 | 73.3 | 76.8 | 79.0 | 80.7 | 81.0 | 81.8 | 82.0 | 82.2 | 82.5 | 82.7 | 82.8 | 83.1 | 83.1 | 83.2 | 83.7 |
| ≥ 6000 | 44.5 | 74.0 | 77.6 | 79.8 | 81.5 | 81.8 | 82.6 | 82.9 | 83.0 | 83.4 | 83.6 | 83.7 | 84.0 | 84.0 | 84.1 | 84.6 |
| ≥ 5000 | 44.6 | 74.5 | 78.1 | 80.3 | 82.1 | 82.4 | 83.2 | 83.4 | 83.6 | 84.0 | 84.1 | 84.2 | 84.5 | 84.5 | 84.7 | 85.1 |
| ≥ 4500 | 44.7 | 74.7 | 78.4 | 80.6 | 82.4 | 82.7 | 83.5 | 83.7 | 83.9 | 84.3 | 84.4 | 84.5 | 84.8 | 84.8 | 85.0 | 85.4 |
| ≥ 4000 | 45.3 | 75.4 | 79.1 | 81.3 | 83.2 | 83.5 | 84.4 | 84.6 | 84.8 | 85.2 | 85.3 | 85.4 | 85.7 | 85.7 | 85.9 | 86.3 |
| ≥ 3500 | 45.2 | 75.9 | 79.6 | 81.9 | 83.7 | 84.0 | 84.9 | 85.2 | 85.3 | 85.7 | 85.8 | 85.9 | 86.2 | 86.3 | 86.4 | 86.9 |
| ≥ 3000 | 45.7 | 76.6 | 80.3 | 82.6 | 84.5 | 84.8 | 85.6 | 85.9 | 86.0 | 86.4 | 86.6 | 86.7 | 87.0 | 87.0 | 87.2 | 87.6 |
| ≥ 2500 | 46.1 | 77.7 | 81.4 | 83.8 | 85.8 | 86.1 | 87.0 | 87.3 | 87.4 | 87.8 | 88.0 | 88.1 | 88.4 | 88.4 | 88.6 | 89.0 |
| ≥ 2000 | 46.6 | 79.0 | 82.8 | 85.1 | 87.2 | 87.6 | 88.5 | 88.7 | 88.9 | 89.3 | 89.4 | 89.5 | 89.8 | 89.8 | 90.0 | 90.5 |
| ≥ 1800 | 46.7 | 79.1 | 82.9 | 85.3 | 87.4 | 87.7 | 88.6 | 88.9 | 89.0 | 89.5 | 89.6 | 89.7 | 90.0 | 90.0 | 90.2 | 90.7 |
| ≥ 1500 | 47.3 | 80.3 | 84.2 | 86.6 | 88.7 | 89.1 | 90.0 | 90.3 | 90.4 | 90.8 | 91.0 | 91.1 | 91.4 | 91.5 | 91.6 | 92.1 |
| ≥ 1200 | 47.7 | 81.0 | 85.1 | 87.5 | 89.7 | 90.1 | 91.0 | 91.3 | 91.4 | 91.9 | 92.1 | 92.2 | 92.6 | 92.6 | 92.8 | 93.2 |
| ≥ 1000 | 47.8 | 81.5 | 85.8 | 88.3 | 90.0 | 90.9 | 91.8 | 92.1 | 92.3 | 92.7 | 92.9 | 93.0 | 93.4 | 93.4 | 93.6 | 94.1 |
| ≥ 900 | 47.9 | 81.9 | 86.2 | 88.8 | 91.0 | 91.4 | 92.3 | 92.6 | 92.7 | 93.2 | 93.4 | 93.5 | 93.9 | 93.9 | 94.1 | 94.6 |
| ≥ 800 | 48.0 | 82.3 | 86.8 | 89.5 | 91.8 | 92.1 | 93.2 | 93.5 | 93.6 | 94.2 | 94.4 | 94.5 | 94.9 | 94.9 | 95.1 | 95.5 |
| ≥ 700 | 48.3 | 82.9 | 87.5 | 90.1 | 92.4 | 92.8 | 93.8 | 94.1 | 94.3 | 94.8 | 95.0 | 95.1 | 95.5 | 95.5 | 95.7 | 96.2 |
| ≥ 600 | 48.4 | 83.3 | 87.9 | 90.6 | 92.9 | 93.2 | 94.3 | 94.7 | 94.8 | 95.4 | 95.6 | 95.7 | 96.1 | 96.1 | 96.3 | 96.7 |
| ≥ 500 | 48.4 | 83.6 | 88.2 | 91.0 | 93.5 | 93.7 | 95.0 | 95.4 | 95.5 | 96.1 | 96.3 | 96.4 | 96.8 | 96.8 | 97.0 | 97.5 |
| ≥ 400 | 48.5 | 83.7 | 83.4 | 91.3 | 93.9 | 94.2 | 95.5 | 95.8 | 96.0 | 96.5 | 96.7 | 96.8 | 97.2 | 97.2 | 97.4 | 97.9 |
| ≥ 300 | 48.5 | 83.9 | 88.7 | 91.7 | 94.4 | 94.7 | 96.0 | 96.4 | 96.5 | 97.2 | 97.4 | 97.5 | 97.9 | 98.0 | 98.2 | 98.6 |
| ≥ 200 | 48.5 | 83.9 | 88.7 | 91.7 | 94.4 | 94.7 | 96.1 | 96.5 | 96.7 | 97.4 | 97.6 | 97.7 | 98.2 | 98.3 | 98.6 | 99.3 |
| ≥ 100 | 48.5 | 83.9 | 88.7 | 91.7 | 94.4 | 94.8 | 96.1 | 96.6 | 96.7 | 97.5 | 97.7 | 97.8 | 98.3 | 98.4 | 98.6 | 99.6 |
| ≥ 0 | 48.5 | 83.9 | 88.7 | 91.7 | 94.4 | 94.8 | 96.1 | 96.6 | 96.7 | 97.5 | 97.7 | 97.9 | 98.4 | 98.5 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2998

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13020

KEESLER AFB MISSISSIPPI/BILDXI

42-67,69-74

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS TEST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ½ | ≥ ¼ | ≥ ⅛ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 50.1 | 67.2 | 68.3 | 68.7 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 20000 | 53.9 | 73.9 | 75.0 | 75.5 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 18000 | 54.2 | 74.2 | 75.3 | 75.8 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.2 | 76.3 |
| ≥ 16000 | 54.2 | 74.3 | 75.4 | 75.9 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 14000 | 54.6 | 74.9 | 76.0 | 76.6 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 12000 | 55.5 | 76.4 | 77.5 | 78.1 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 10000 | 56.3 | 77.3 | 79.5 | 80.3 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 9000 | 56.8 | 79.3 | 80.6 | 81.4 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 8000 | 57.5 | 81.0 | 82.4 | 83.2 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 7000 | 58.3 | 82.4 | 83.9 | 84.8 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 6000 | 58.5 | 82.9 | 84.4 | 85.3 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 5000 | 58.7 | 83.5 | 85.1 | 85.9 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 58.9 | 83.7 | 85.3 | 86.2 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 4000 | 59.2 | 84.2 | 85.9 | 86.7 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3500 | 59.3 | 84.7 | 86.3 | 87.2 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3000 | 59.6 | 85.1 | 86.8 | 87.7 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 2500 | 60.2 | 86.3 | 88.1 | 89.0 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 2000 | 61.4 | 88.3 | 90.1 | 91.1 | 92.0 | 92.0 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1800 | 61.6 | 88.8 | 90.6 | 91.6 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1500 | 62.3 | 90.6 | 92.4 | 93.4 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1200 | 62.9 | 91.6 | 93.5 | 94.6 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1000 | 63.2 | 92.7 | 94.7 | 95.8 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 63.3 | 92.9 | 94.9 | 96.0 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 63.6 | 93.4 | 95.6 | 96.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 63.8 | 93.7 | 95.9 | 97.0 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 63.9 | 94.0 | 96.3 | 97.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 63.9 | 94.1 | 96.5 | 97.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 63.9 | 94.2 | 96.6 | 97.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 300 | 63.9 | 94.3 | 96.7 | 98.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 63.9 | 94.3 | 96.7 | 98.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 63.9 | 94.3 | 96.7 | 98.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 63.9 | 94.3 | 96.7 | 98.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2991

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13620

KEESLER AFB MISSISSIPPI/BILDXI

42-67,69-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|--------|--------|------|------|-------|--------|--------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥3/4 | ≥3/4 | ≥2 1/2 | ≥1 1/2 | ≥1 | ≥0 |
| NO CEILING | 52.4 | 65.4 | 67.3 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 20000 | 58.1 | 74.4 | 75.5 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 18000 | 58.3 | 74.7 | 75.8 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 16000 | 58.4 | 74.8 | 75.9 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 14000 | 59.1 | 75.9 | 77.0 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 12000 | 60.6 | 78.0 | 79.2 | 79.5 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 10000 | 61.6 | 80.1 | 81.3 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 9000 | 62.3 | 81.1 | 82.4 | 82.9 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 8000 | 63.4 | 82.9 | 84.3 | 84.9 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 7000 | 63.9 | 84.2 | 85.7 | 86.3 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 6000 | 64.1 | 84.7 | 86.2 | 86.8 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 5000 | 64.4 | 85.2 | 86.7 | 87.3 | 87.5 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4500 | 64.7 | 85.5 | 87.0 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 4000 | 65.2 | 86.3 | 87.8 | 88.4 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 3500 | 65.5 | 86.9 | 88.4 | 89.0 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 3000 | 66.4 | 88.1 | 89.6 | 90.2 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 2500 | 67.1 | 89.8 | 91.4 | 92.1 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 2000 | 67.8 | 91.5 | 93.2 | 93.9 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1800 | 68.0 | 92.1 | 93.6 | 94.3 | 94.5 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1500 | 67.0 | 93.9 | 95.5 | 96.3 | 96.5 | 96.5 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 69.3 | 94.6 | 96.4 | 97.2 | 97.5 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1000 | 69.3 | 95.1 | 97.0 | 97.8 | 98.1 | 98.1 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 900 | 69.4 | 95.3 | 97.3 | 98.1 | 98.4 | 98.4 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 69.5 | 95.6 | 97.7 | 98.5 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 69.5 | 95.6 | 97.7 | 98.5 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 69.5 | 95.7 | 97.8 | 98.6 | 98.9 | 98.9 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 69.5 | 95.8 | 97.9 | 98.7 | 99.0 | 99.1 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 69.5 | 95.8 | 98.0 | 98.8 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 69.5 | 95.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 69.5 | 95.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 69.5 | 95.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 69.5 | 95.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2984

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-67,69-74

UCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1701

HOURS, U.S.T.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 51.2 | 66.5 | 67.7 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 20000 | 57.0 | 74.7 | 76.2 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 18000 | 57.3 | 75.1 | 76.6 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 16000 | 57.5 | 75.4 | 76.9 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 14000 | 58.1 | 76.1 | 78.0 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 12000 | 59.2 | 78.6 | 80.0 | 80.3 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 10000 | 61.1 | 81.3 | 82.9 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 9000 | 61.5 | 82.1 | 83.9 | 84.3 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 8000 | 62.6 | 83.3 | 85.7 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 7000 | 63.0 | 85.1 | 87.0 | 87.4 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 6000 | 63.5 | 85.8 | 87.7 | 88.1 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 5000 | 63.7 | 86.1 | 88.1 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4500 | 63.8 | 86.6 | 88.5 | 89.0 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4000 | 64.3 | 87.2 | 89.2 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 |
| ≥ 3500 | 64.9 | 88.0 | 90.1 | 90.6 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3000 | 65.4 | 88.6 | 90.7 | 91.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 |
| ≥ 2500 | 66.3 | 90.4 | 92.6 | 93.2 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2000 | 66.7 | 91.8 | 94.0 | 94.9 | 95.3 | 95.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1800 | 66.8 | 91.9 | 94.1 | 95.0 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 |
| ≥ 1500 | 67.2 | 93.0 | 95.2 | 96.1 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 67.3 | 93.4 | 95.6 | 96.5 | 97.1 | 97.2 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1000 | 67.4 | 93.7 | 95.9 | 96.9 | 97.5 | 97.6 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 67.4 | 93.8 | 96.1 | 97.1 | 97.6 | 97.6 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 67.5 | 94.1 | 96.4 | 97.4 | 98.0 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 67.6 | 94.5 | 96.7 | 97.8 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 67.6 | 94.5 | 96.7 | 97.8 | 98.5 | 98.7 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 67.6 | 94.6 | 96.9 | 97.9 | 98.7 | 98.9 | 99.2 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 67.6 | 94.6 | 96.9 | 98.0 | 98.7 | 98.9 | 99.2 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 67.6 | 94.7 | 97.0 | 98.0 | 98.8 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 67.6 | 94.7 | 97.0 | 98.0 | 98.8 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 67.6 | 94.7 | 97.0 | 98.0 | 98.8 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 67.6 | 94.7 | 97.0 | 98.0 | 98.8 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3001

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEELER AFB MISSISSIPPI/BILUXI

42-67,69-74

DJT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥¼ | ≥0 | ≥0 |
| NO CEILING | 49.6 | 70.4 | 71.5 | 71.9 | 72.5 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 20000 | 53.0 | 76.8 | 78.0 | 78.4 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 18000 | 53.1 | 76.9 | 78.2 | 78.6 | 79.1 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 |
| ≥ 16000 | 53.2 | 77.2 | 78.5 | 78.9 | 79.4 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 |
| ≥ 14000 | 53.8 | 78.2 | 79.7 | 80.1 | 80.7 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 12000 | 55.0 | 80.3 | 81.8 | 82.2 | 82.8 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 10000 | 56.1 | 82.4 | 83.9 | 84.5 | 85.1 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 9000 | 56.4 | 83.3 | 85.0 | 85.5 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 8000 | 57.2 | 84.9 | 86.5 | 87.2 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 |
| ≥ 7000 | 57.7 | 85.8 | 87.6 | 88.2 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 |
| ≥ 6000 | 58.1 | 86.3 | 88.1 | 88.7 | 89.4 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 |
| ≥ 5000 | 58.3 | 86.8 | 88.6 | 89.3 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 4500 | 58.6 | 87.1 | 88.9 | 89.6 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 4000 | 58.8 | 87.9 | 89.8 | 90.5 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3500 | 59.9 | 88.4 | 90.3 | 91.1 | 91.7 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 |
| ≥ 3000 | 59.2 | 87.0 | 91.0 | 91.7 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2500 | 59.5 | 90.3 | 92.3 | 93.1 | 93.8 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 2000 | 59.3 | 91.4 | 93.5 | 94.5 | 95.2 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 |
| ≥ 1800 | 59.9 | 91.5 | 93.7 | 94.6 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1500 | 60.0 | 92.1 | 94.3 | 95.3 | 96.0 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 60.2 | 92.9 | 95.1 | 96.2 | 97.0 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1000 | 60.3 | 93.5 | 95.7 | 96.8 | 97.6 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 |
| ≥ 900 | 60.3 | 93.7 | 95.8 | 96.9 | 97.8 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 60.4 | 94.0 | 96.2 | 97.3 | 98.2 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 700 | 60.5 | 94.2 | 96.4 | 97.5 | 98.4 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 600 | 60.5 | 94.2 | 96.5 | 97.6 | 98.6 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 500 | 60.5 | 94.3 | 96.6 | 97.8 | 98.8 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 60.5 | 94.5 | 96.9 | 98.1 | 99.0 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 60.5 | 94.5 | 96.9 | 98.1 | 99.1 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 60.5 | 94.5 | 96.9 | 98.1 | 99.1 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 60.5 | 94.5 | 96.9 | 98.1 | 99.1 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 60.5 | 94.5 | 96.9 | 98.1 | 99.1 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2977

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-67,69-74

JCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 48.1 | 73.5 | 75.1 | 76.3 | 77.3 | 77.4 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.6 | 77.8 | 77.8 | 77.6 |
| ≥ 20000 | 50.2 | 77.6 | 79.1 | 80.4 | 81.4 | 81.5 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 18000 | 50.2 | 77.6 | 79.1 | 80.4 | 81.4 | 81.5 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 16000 | 50.3 | 77.7 | 79.3 | 80.6 | 81.6 | 81.6 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 |
| IV 14000 | 50.8 | 78.5 | 80.2 | 81.5 | 82.5 | 82.6 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 12000 | 51.3 | 79.5 | 81.3 | 82.6 | 83.6 | 83.7 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 |
| IV 10000 | 52.2 | 81.9 | 83.8 | 85.2 | 86.2 | 86.2 | 86.4 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 |
| IV 9000 | 52.4 | 82.4 | 84.4 | 85.8 | 86.8 | 86.8 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 |
| IV 8000 | 52.8 | 83.3 | 85.4 | 86.7 | 87.7 | 87.8 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 |
| IV 7000 | 53.1 | 84.0 | 86.1 | 87.4 | 88.4 | 88.5 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 |
| IV 6000 | 53.5 | 84.6 | 86.8 | 88.1 | 89.2 | 89.2 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.7 |
| IV 5000 | 53.9 | 85.2 | 87.4 | 88.8 | 89.8 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 4500 | 54.0 | 85.5 | 87.7 | 89.1 | 90.2 | 90.2 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 4000 | 54.3 | 86.3 | 88.5 | 89.9 | 91.0 | 91.1 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 |
| IV 3500 | 54.3 | 86.6 | 89.0 | 90.5 | 91.6 | 91.6 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 |
| IV 3000 | 54.5 | 87.6 | 90.0 | 91.4 | 92.5 | 92.6 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| IV 2500 | 54.7 | 88.8 | 91.2 | 92.7 | 93.8 | 93.8 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 2000 | 55.0 | 89.7 | 92.2 | 93.6 | 94.8 | 94.8 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 |
| IV 1800 | 55.0 | 90.0 | 92.5 | 93.9 | 95.1 | 95.1 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 |
| IV 1500 | 55.2 | 90.5 | 93.0 | 94.4 | 95.6 | 95.7 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 |
| IV 1200 | 55.3 | 91.1 | 93.6 | 95.1 | 96.3 | 96.3 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 |
| IV 1000 | 55.4 | 91.8 | 94.4 | 95.9 | 97.1 | 97.1 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 |
| IV 900 | 55.4 | 92.0 | 94.7 | 96.2 | 97.3 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 |
| IV 800 | 55.5 | 92.4 | 95.1 | 96.5 | 97.7 | 97.8 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 |
| IV 700 | 55.5 | 92.6 | 95.3 | 96.8 | 97.9 | 98.0 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 |
| IV 600 | 55.6 | 92.8 | 95.5 | 97.0 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 |
| IV 500 | 55.6 | 93.0 | 95.8 | 97.3 | 98.5 | 98.6 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| IV 400 | 55.6 | 93.0 | 95.8 | 97.3 | 98.5 | 98.6 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| IV 300 | 55.6 | 93.0 | 95.8 | 97.3 | 98.6 | 98.6 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 |
| IV 200 | 55.6 | 93.1 | 95.9 | 97.5 | 98.7 | 98.7 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| IV 100 | 55.6 | 93.1 | 95.9 | 97.5 | 98.7 | 98.7 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| IV 0 | 55.6 | 93.1 | 95.9 | 97.5 | 98.7 | 98.7 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2630

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-64,73-74
YEARS

NNV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 29.5 | 54.4 | 56.4 | 57.8 | 58.8 | 59.0 | 59.6 | 59.9 | 59.9 | 60.6 | 60.7 | 60.8 | 61.5 | 61.5 | 61.7 | 62.5 |
| ≥ 20000 | 30.9 | 56.6 | 58.8 | 60.2 | 61.3 | 61.4 | 62.2 | 62.4 | 62.5 | 63.1 | 63.3 | 63.4 | 64.1 | 64.1 | 64.3 | 65.2 |
| ≥ 18000 | 31.0 | 56.9 | 59.0 | 60.4 | 61.5 | 61.6 | 62.4 | 62.7 | 62.7 | 63.4 | 63.5 | 63.6 | 64.3 | 64.3 | 64.5 | 65.4 |
| ≥ 16000 | 31.0 | 56.9 | 59.1 | 60.5 | 61.6 | 61.7 | 62.5 | 62.8 | 62.8 | 63.4 | 63.6 | 63.7 | 64.4 | 64.4 | 64.6 | 65.5 |
| ≥ 14000 | 31.4 | 57.4 | 59.7 | 61.1 | 62.1 | 62.3 | 63.1 | 63.3 | 63.4 | 64.0 | 64.2 | 64.2 | 64.9 | 65.0 | 65.2 | 66.0 |
| ≥ 12000 | 32.1 | 58.9 | 61.2 | 62.6 | 63.6 | 63.8 | 64.5 | 64.8 | 64.8 | 65.5 | 65.7 | 65.7 | 66.4 | 66.5 | 66.6 | 67.5 |
| ≥ 10000 | 33.2 | 60.7 | 63.1 | 64.5 | 65.7 | 65.8 | 66.6 | 66.9 | 66.9 | 67.6 | 67.7 | 67.8 | 68.5 | 68.5 | 68.7 | 69.6 |
| ≥ 9000 | 33.3 | 61.4 | 63.8 | 65.4 | 66.5 | 66.6 | 67.4 | 67.7 | 67.7 | 68.4 | 68.6 | 68.6 | 69.3 | 69.3 | 69.5 | 70.4 |
| ≥ 8000 | 33.7 | 62.5 | 65.0 | 66.6 | 67.8 | 67.9 | 68.7 | 69.0 | 69.0 | 69.7 | 69.8 | 69.9 | 70.6 | 70.6 | 70.8 | 71.7 |
| ≥ 7000 | 34.6 | 64.5 | 67.0 | 68.9 | 70.1 | 70.2 | 71.0 | 71.3 | 71.3 | 72.0 | 72.1 | 72.2 | 72.9 | 72.9 | 73.1 | 74.0 |
| ≥ 6000 | 35.2 | 65.7 | 68.5 | 70.3 | 71.6 | 71.7 | 72.5 | 72.8 | 72.8 | 73.4 | 73.6 | 73.7 | 74.4 | 74.4 | 74.6 | 75.5 |
| ≥ 5000 | 35.6 | 67.0 | 70.0 | 71.8 | 73.2 | 73.4 | 74.2 | 74.5 | 74.5 | 75.2 | 75.3 | 75.4 | 76.1 | 76.1 | 76.3 | 77.2 |
| ≥ 4500 | 35.7 | 67.4 | 70.5 | 72.4 | 73.8 | 73.9 | 74.7 | 75.0 | 75.0 | 75.7 | 75.9 | 75.9 | 76.6 | 76.6 | 76.8 | 77.7 |
| ≥ 4000 | 35.9 | 68.9 | 72.0 | 74.0 | 75.4 | 75.5 | 76.3 | 76.6 | 76.6 | 77.3 | 77.5 | 77.5 | 78.2 | 78.3 | 78.4 | 79.3 |
| ≥ 3500 | 35.9 | 69.3 | 72.5 | 74.6 | 76.1 | 76.2 | 77.1 | 77.3 | 77.4 | 78.0 | 78.2 | 78.3 | 79.0 | 79.0 | 79.2 | 80.0 |
| ≥ 3000 | 36.5 | 70.4 | 73.7 | 75.9 | 77.4 | 77.6 | 78.5 | 78.7 | 78.8 | 79.4 | 79.6 | 79.7 | 80.3 | 80.4 | 80.6 | 81.4 |
| ≥ 2500 | 36.9 | 71.6 | 74.8 | 77.1 | 78.8 | 79.0 | 79.9 | 80.1 | 80.2 | 80.8 | 81.0 | 81.0 | 81.7 | 81.8 | 82.0 | 82.8 |
| ≥ 2000 | 37.1 | 73.1 | 76.6 | 79.3 | 81.0 | 81.2 | 82.2 | 82.5 | 82.5 | 83.2 | 83.4 | 83.4 | 84.1 | 84.1 | 84.3 | 85.2 |
| ≥ 1800 | 37.1 | 73.4 | 76.9 | 79.7 | 81.4 | 81.6 | 82.7 | 83.0 | 83.1 | 83.7 | 83.9 | 83.9 | 84.6 | 84.7 | 84.8 | 85.7 |
| ≥ 1500 | 37.2 | 74.3 | 77.9 | 80.7 | 82.6 | 82.8 | 83.8 | 84.2 | 84.2 | 85.0 | 85.2 | 85.2 | 85.9 | 85.9 | 86.2 | 87.0 |
| ≥ 1200 | 37.6 | 75.5 | 79.1 | 81.9 | 83.9 | 84.1 | 85.2 | 85.6 | 85.6 | 86.4 | 86.6 | 86.6 | 87.3 | 87.4 | 87.6 | 88.5 |
| ≥ 1000 | 37.8 | 76.9 | 80.7 | 83.6 | 85.5 | 85.8 | 86.9 | 87.2 | 87.3 | 88.1 | 88.3 | 88.3 | 89.0 | 89.1 | 89.3 | 90.2 |
| ≥ 900 | 37.9 | 77.6 | 81.3 | 84.4 | 86.4 | 86.6 | 87.7 | 88.1 | 88.1 | 88.9 | 89.1 | 89.2 | 89.9 | 89.9 | 90.1 | 91.0 |
| ≥ 800 | 38.0 | 78.0 | 81.8 | 85.0 | 87.0 | 87.2 | 88.3 | 88.7 | 88.8 | 89.6 | 89.8 | 89.8 | 90.5 | 90.6 | 90.8 | 91.7 |
| ≥ 700 | 38.0 | 78.4 | 82.4 | 85.5 | 87.6 | 87.9 | 89.0 | 89.4 | 89.4 | 90.2 | 90.4 | 90.5 | 91.2 | 91.2 | 91.4 | 92.3 |
| ≥ 600 | 38.1 | 78.6 | 82.8 | 86.0 | 88.2 | 88.5 | 89.7 | 90.0 | 90.1 | 90.9 | 91.1 | 91.2 | 91.9 | 91.9 | 92.1 | 93.0 |
| ≥ 500 | 38.2 | 79.1 | 83.2 | 86.5 | 89.0 | 89.2 | 90.5 | 90.9 | 90.9 | 91.8 | 92.0 | 92.1 | 92.8 | 92.8 | 93.0 | 93.9 |
| ≥ 400 | 38.2 | 79.3 | 83.7 | 87.1 | 89.7 | 90.0 | 91.4 | 91.8 | 91.9 | 92.8 | 93.0 | 93.0 | 93.7 | 93.8 | 94.0 | 94.9 |
| ≥ 300 | 38.2 | 79.4 | 83.8 | 87.3 | 90.0 | 90.2 | 91.7 | 92.2 | 92.3 | 93.3 | 93.6 | 93.7 | 94.4 | 94.5 | 94.7 | 95.7 |
| ≥ 200 | 38.2 | 79.5 | 84.0 | 87.5 | 90.2 | 90.5 | 92.4 | 92.9 | 93.0 | 94.2 | 94.5 | 94.6 | 95.5 | 95.5 | 95.7 | 96.9 |
| ≥ 100 | 38.2 | 79.5 | 84.0 | 87.6 | 90.3 | 90.6 | 92.4 | 93.0 | 93.1 | 94.5 | 95.0 | 95.0 | 96.0 | 96.0 | 96.3 | 97.9 |
| ≥ 0 | 38.2 | 79.5 | 84.0 | 87.6 | 90.3 | 90.6 | 92.4 | 93.0 | 93.1 | 94.5 | 95.0 | 95.0 | 96.0 | 96.1 | 96.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2296

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65,67-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1 | ≥ 0 |
| NO CEILING | 30.3 | 53.6 | 55.3 | 56.8 | 58.0 | 58.0 | 58.7 | 59.0 | 59.1 | 59.7 | 59.8 | 59.8 | 60.3 | 60.5 | 61.1 | 62.2 |
| ≥ 20000 | 31.2 | 55.4 | 57.2 | 58.6 | 59.8 | 59.8 | 60.5 | 60.8 | 60.9 | 61.6 | 61.7 | 61.7 | 62.1 | 62.4 | 62.9 | 64.1 |
| IV 18000 | 31.2 | 55.5 | 57.2 | 58.7 | 59.8 | 59.9 | 60.6 | 60.9 | 61.0 | 61.6 | 61.7 | 61.7 | 62.2 | 62.4 | 63.0 | 64.1 |
| IV 16000 | 31.2 | 55.5 | 57.3 | 58.7 | 59.9 | 59.9 | 60.6 | 60.9 | 61.0 | 61.6 | 61.8 | 61.8 | 62.2 | 62.4 | 63.0 | 64.2 |
| IV 14000 | 31.4 | 56.1 | 57.9 | 59.4 | 60.5 | 60.6 | 61.2 | 61.6 | 61.6 | 62.3 | 62.4 | 62.4 | 62.8 | 63.1 | 63.6 | 64.8 |
| IV 12000 | 32.0 | 57.4 | 59.1 | 60.6 | 61.8 | 61.9 | 62.6 | 62.9 | 63.0 | 63.6 | 63.7 | 63.7 | 64.2 | 64.4 | 65.0 | 66.2 |
| IV 10000 | 32.6 | 59.0 | 60.8 | 62.4 | 63.6 | 63.6 | 64.3 | 64.6 | 64.7 | 65.4 | 65.5 | 65.5 | 65.9 | 66.2 | 66.7 | 67.9 |
| IV 9000 | 32.8 | 59.6 | 61.4 | 63.0 | 64.3 | 64.3 | 65.0 | 65.3 | 65.4 | 66.0 | 66.2 | 66.2 | 66.6 | 66.8 | 67.4 | 68.6 |
| IV 8000 | 33.8 | 61.9 | 63.9 | 65.5 | 66.8 | 66.8 | 67.5 | 67.8 | 67.9 | 68.6 | 68.7 | 68.7 | 69.1 | 69.4 | 69.9 | 71.1 |
| IV 7000 | 34.3 | 63.3 | 65.6 | 67.2 | 68.6 | 68.6 | 69.3 | 69.6 | 69.7 | 70.4 | 70.5 | 70.5 | 70.9 | 71.2 | 71.7 | 72.9 |
| IV 6000 | 34.7 | 64.4 | 66.6 | 68.4 | 69.9 | 70.0 | 70.7 | 71.0 | 71.1 | 71.7 | 71.8 | 71.8 | 72.3 | 72.5 | 73.1 | 74.3 |
| IV 5000 | 35.1 | 65.5 | 67.7 | 69.4 | 71.0 | 71.1 | 71.8 | 72.1 | 72.2 | 72.8 | 73.0 | 73.0 | 73.4 | 73.6 | 74.2 | 75.4 |
| IV 4500 | 35.4 | 66.2 | 68.6 | 70.4 | 72.0 | 72.2 | 72.8 | 73.2 | 73.2 | 73.9 | 74.0 | 74.0 | 74.4 | 74.7 | 75.2 | 76.4 |
| IV 4000 | 35.7 | 67.6 | 70.0 | 71.9 | 73.5 | 73.7 | 74.4 | 74.8 | 74.8 | 75.5 | 75.6 | 75.6 | 76.0 | 76.3 | 76.8 | 78.0 |
| IV 3500 | 35.9 | 68.4 | 71.0 | 72.8 | 74.4 | 74.6 | 75.4 | 75.7 | 75.8 | 76.5 | 76.6 | 76.6 | 77.0 | 77.3 | 77.8 | 79.0 |
| IV 3000 | 36.3 | 70.0 | 72.6 | 74.5 | 76.1 | 76.4 | 77.2 | 77.5 | 77.6 | 78.2 | 78.3 | 78.3 | 78.8 | 79.0 | 79.6 | 80.8 |
| IV 2500 | 36.7 | 71.1 | 73.7 | 75.7 | 77.4 | 77.6 | 78.4 | 78.7 | 78.8 | 79.5 | 79.6 | 79.6 | 80.0 | 80.3 | 80.8 | 82.0 |
| IV 2000 | 37.2 | 72.6 | 75.5 | 77.5 | 79.3 | 79.6 | 80.4 | 80.7 | 80.8 | 81.5 | 81.6 | 81.6 | 82.0 | 82.3 | 82.8 | 84.0 |
| IV 1800 | 37.3 | 73.1 | 75.8 | 77.8 | 79.6 | 79.9 | 80.8 | 81.1 | 81.2 | 81.8 | 81.9 | 81.9 | 82.4 | 82.6 | 83.2 | 84.4 |
| IV 1500 | 37.6 | 74.2 | 77.0 | 79.1 | 80.9 | 81.2 | 82.1 | 82.4 | 82.5 | 83.1 | 83.3 | 83.3 | 83.8 | 84.0 | 84.6 | 85.8 |
| IV 1200 | 38.0 | 75.5 | 78.4 | 80.6 | 82.5 | 82.8 | 83.7 | 84.0 | 84.1 | 84.8 | 84.9 | 84.9 | 85.4 | 85.7 | 86.2 | 87.4 |
| IV 1000 | 38.2 | 76.2 | 79.3 | 81.7 | 83.7 | 84.0 | 85.0 | 85.3 | 85.4 | 86.1 | 86.3 | 86.3 | 86.8 | 87.0 | 87.6 | 88.8 |
| IV 900 | 38.2 | 77.0 | 80.1 | 82.4 | 84.5 | 84.8 | 85.8 | 86.1 | 86.2 | 86.9 | 87.1 | 87.1 | 87.6 | 87.9 | 88.4 | 89.7 |
| IV 800 | 38.4 | 77.6 | 80.7 | 83.1 | 85.1 | 85.5 | 86.5 | 86.9 | 87.0 | 87.7 | 87.9 | 87.9 | 88.4 | 88.6 | 89.2 | 90.4 |
| IV 700 | 38.4 | 78.2 | 81.4 | 83.8 | 85.9 | 86.3 | 87.3 | 87.7 | 87.8 | 88.5 | 88.7 | 88.7 | 89.3 | 89.6 | 90.1 | 91.4 |
| IV 600 | 38.5 | 78.6 | 81.9 | 84.3 | 86.5 | 86.9 | 87.9 | 88.3 | 88.4 | 89.3 | 89.5 | 89.5 | 90.1 | 90.3 | 90.9 | 92.1 |
| IV 500 | 38.6 | 79.0 | 82.5 | 85.1 | 87.5 | 87.9 | 89.1 | 89.5 | 89.5 | 90.4 | 90.6 | 90.6 | 91.2 | 91.5 | 92.0 | 93.2 |
| IV 400 | 38.6 | 79.1 | 82.7 | 85.3 | 87.9 | 88.3 | 89.6 | 90.0 | 90.1 | 91.0 | 91.4 | 91.4 | 92.0 | 92.3 | 92.9 | 94.1 |
| IV 300 | 38.6 | 79.3 | 82.9 | 85.6 | 88.4 | 88.9 | 90.4 | 90.9 | 91.0 | 92.0 | 92.4 | 92.4 | 93.1 | 93.4 | 94.0 | 95.2 |
| IV 200 | 38.6 | 79.5 | 83.2 | 86.1 | 88.9 | 89.4 | 91.1 | 91.6 | 91.7 | 92.9 | 93.4 | 93.5 | 94.4 | 94.7 | 95.3 | 96.7 |
| IV 100 | 38.6 | 79.5 | 83.2 | 86.1 | 88.9 | 89.4 | 91.1 | 91.6 | 91.7 | 93.0 | 93.6 | 93.6 | 94.6 | 95.0 | 95.8 | 97.6 |
| IV 0 | 38.6 | 79.5 | 83.2 | 86.1 | 88.9 | 89.4 | 91.1 | 91.7 | 91.7 | 93.0 | 93.6 | 93.6 | 94.8 | 95.1 | 96.0 | 100.0 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

N(IV)
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥1/8 | ≥0 |
| NO CEILING | 30.9 | 46.7 | 48.3 | 49.6 | 51.0 | 51.2 | 51.8 | 52.1 | 52.1 | 52.7 | 52.9 | 52.9 | 53.1 | 53.2 | 53.4 | 54.5 |
| ≥ 20000 | 32.7 | 49.5 | 51.5 | 53.2 | 54.7 | 55.0 | 55.7 | 55.9 | 56.0 | 56.6 | 56.7 | 56.7 | 57.0 | 57.0 | 57.3 | 58.4 |
| ≥ 18000 | 32.8 | 49.6 | 51.6 | 53.3 | 54.9 | 55.2 | 55.8 | 56.0 | 56.1 | 56.7 | 56.9 | 56.9 | 57.2 | 57.2 | 57.5 | 58.5 |
| ≥ 16000 | 32.8 | 49.7 | 51.7 | 53.4 | 55.0 | 55.3 | 55.9 | 56.2 | 56.2 | 56.8 | 57.0 | 57.0 | 57.3 | 57.3 | 57.6 | 58.7 |
| ≥ 14000 | 33.4 | 50.6 | 52.5 | 54.2 | 55.8 | 56.1 | 56.7 | 57.0 | 57.0 | 57.7 | 57.9 | 57.9 | 58.1 | 58.2 | 58.4 | 59.6 |
| ≥ 12000 | 34.3 | 51.9 | 54.0 | 55.8 | 57.4 | 57.7 | 58.4 | 58.6 | 58.7 | 59.3 | 59.5 | 59.5 | 59.8 | 59.8 | 60.1 | 61.2 |
| ≥ 10000 | 35.8 | 55.1 | 57.2 | 59.1 | 60.8 | 61.1 | 61.9 | 62.1 | 62.2 | 62.8 | 63.0 | 63.0 | 63.3 | 63.3 | 63.6 | 64.8 |
| ≥ 9000 | 36.0 | 55.7 | 57.8 | 59.8 | 61.5 | 61.8 | 62.6 | 62.8 | 62.9 | 63.5 | 63.7 | 63.7 | 64.0 | 64.0 | 64.3 | 65.5 |
| ≥ 8000 | 37.1 | 57.9 | 60.2 | 62.2 | 64.2 | 64.5 | 65.5 | 65.7 | 65.8 | 66.5 | 66.7 | 66.7 | 67.0 | 67.0 | 67.3 | 68.5 |
| ≥ 7000 | 38.0 | 59.5 | 61.9 | 64.0 | 66.1 | 66.4 | 67.4 | 67.7 | 67.8 | 68.5 | 68.7 | 68.7 | 69.1 | 69.1 | 69.4 | 70.6 |
| ≥ 6000 | 38.8 | 61.0 | 63.6 | 65.7 | 67.9 | 68.2 | 69.2 | 69.6 | 69.6 | 70.4 | 70.6 | 70.6 | 70.9 | 71.0 | 71.3 | 72.5 |
| ≥ 5000 | 39.2 | 62.2 | 64.8 | 67.0 | 69.2 | 69.5 | 70.5 | 70.9 | 70.9 | 71.7 | 71.9 | 71.9 | 72.3 | 72.3 | 72.6 | 73.8 |
| ≥ 4500 | 39.7 | 63.1 | 65.9 | 68.0 | 70.3 | 70.7 | 71.7 | 72.1 | 72.1 | 72.9 | 73.1 | 73.1 | 73.4 | 73.5 | 73.8 | 75.0 |
| ≥ 4000 | 40.5 | 65.0 | 67.9 | 70.2 | 72.5 | 72.8 | 74.0 | 74.4 | 74.4 | 75.2 | 75.4 | 75.4 | 75.7 | 75.8 | 76.1 | 77.3 |
| ≥ 3500 | 40.8 | 66.1 | 69.0 | 71.4 | 73.8 | 74.2 | 75.3 | 75.7 | 75.8 | 76.6 | 76.8 | 76.8 | 77.1 | 77.2 | 77.5 | 78.7 |
| ≥ 3000 | 41.1 | 67.2 | 70.1 | 72.5 | 75.0 | 75.3 | 76.5 | 76.9 | 77.0 | 77.7 | 78.0 | 78.0 | 78.3 | 78.4 | 78.7 | 79.9 |
| ≥ 2500 | 41.6 | 68.3 | 71.4 | 74.0 | 76.5 | 76.9 | 78.2 | 78.6 | 78.6 | 79.4 | 79.6 | 79.6 | 80.0 | 80.0 | 80.3 | 81.6 |
| ≥ 2000 | 42.3 | 70.2 | 73.5 | 76.3 | 78.9 | 79.3 | 80.7 | 81.1 | 81.2 | 82.0 | 82.2 | 82.2 | 82.5 | 82.6 | 82.9 | 84.2 |
| ≥ 1800 | 42.6 | 70.6 | 74.0 | 76.8 | 79.4 | 79.8 | 81.2 | 81.7 | 81.7 | 82.5 | 82.7 | 82.7 | 83.1 | 83.1 | 83.5 | 84.7 |
| ≥ 1500 | 43.0 | 71.8 | 75.3 | 78.1 | 80.7 | 81.1 | 82.6 | 83.0 | 83.1 | 83.9 | 84.2 | 84.2 | 84.5 | 84.6 | 84.9 | 86.2 |
| ≥ 1200 | 43.4 | 72.9 | 76.4 | 79.3 | 82.0 | 82.4 | 83.9 | 84.4 | 84.5 | 85.3 | 85.6 | 85.6 | 86.0 | 86.0 | 86.4 | 87.7 |
| ≥ 1000 | 43.7 | 73.7 | 77.3 | 80.2 | 83.0 | 83.6 | 85.1 | 85.6 | 85.6 | 86.5 | 86.8 | 86.8 | 87.3 | 87.3 | 87.7 | 89.0 |
| ≥ 900 | 43.9 | 74.0 | 77.7 | 80.7 | 83.5 | 84.1 | 85.7 | 86.2 | 86.2 | 87.1 | 87.4 | 87.4 | 87.9 | 87.9 | 88.3 | 89.5 |
| ≥ 800 | 44.2 | 74.8 | 78.6 | 81.6 | 84.5 | 85.0 | 86.8 | 87.3 | 87.3 | 88.2 | 88.6 | 88.6 | 89.1 | 89.1 | 89.5 | 90.9 |
| ≥ 700 | 44.2 | 75.2 | 79.0 | 82.1 | 84.9 | 85.5 | 87.2 | 87.8 | 87.8 | 88.7 | 89.1 | 89.1 | 89.5 | 89.6 | 90.0 | 91.3 |
| ≥ 600 | 44.2 | 75.5 | 79.4 | 82.6 | 85.5 | 86.2 | 88.1 | 88.6 | 88.6 | 89.7 | 90.1 | 90.1 | 90.6 | 90.6 | 91.0 | 92.3 |
| ≥ 500 | 44.5 | 76.0 | 80.0 | 83.3 | 86.4 | 87.1 | 89.1 | 89.6 | 89.7 | 90.9 | 91.3 | 91.3 | 91.8 | 91.8 | 92.2 | 93.6 |
| ≥ 400 | 44.5 | 76.1 | 80.1 | 83.6 | 86.9 | 87.6 | 89.8 | 90.5 | 90.5 | 91.7 | 92.2 | 92.2 | 92.7 | 92.8 | 93.3 | 94.6 |
| ≥ 300 | 44.5 | 76.3 | 80.4 | 83.8 | 87.4 | 88.1 | 90.5 | 91.3 | 91.4 | 93.0 | 93.7 | 93.7 | 94.2 | 94.2 | 94.9 | 96.4 |
| ≥ 200 | 44.5 | 76.3 | 80.4 | 83.9 | 87.5 | 88.3 | 90.8 | 91.7 | 91.7 | 93.4 | 94.2 | 94.2 | 95.0 | 95.2 | 96.1 | 97.8 |
| ≥ 100 | 44.5 | 76.3 | 80.4 | 83.9 | 87.5 | 88.3 | 90.8 | 91.7 | 91.7 | 93.4 | 94.2 | 94.3 | 95.1 | 95.3 | 96.3 | 98.9 |
| ≥ 0 | 44.5 | 76.3 | 80.4 | 83.9 | 87.5 | 88.3 | 90.8 | 91.7 | 91.7 | 93.4 | 94.2 | 94.3 | 95.1 | 95.3 | 96.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3042

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥9 | ≥8 | ≥7 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥5/16 | ≥1/4 | ≥0 |
| NO CEILING | 39.5 | 53.2 | 54.2 | 54.5 | 55.0 | 55.1 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 |
| ≥ 20000 | 43.2 | 59.0 | 60.1 | 60.6 | 61.1 | 61.2 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 18000 | 43.3 | 59.3 | 60.3 | 60.8 | 61.4 | 61.5 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 |
| ≥ 16000 | 43.5 | 59.5 | 60.5 | 61.0 | 61.6 | 61.7 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 |
| ≥ 14000 | 43.6 | 59.9 | 61.0 | 61.5 | 62.1 | 62.2 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 |
| ≥ 12000 | 44.6 | 61.5 | 62.7 | 63.3 | 63.9 | 64.0 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 |
| ≥ 10000 | 46.4 | 64.4 | 65.6 | 66.3 | 66.9 | 67.0 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 |
| ≥ 9000 | 46.6 | 65.1 | 66.4 | 67.1 | 67.7 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 8000 | 48.5 | 68.3 | 69.7 | 70.7 | 71.4 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 |
| ≥ 7000 | 49.4 | 69.9 | 71.5 | 72.6 | 73.3 | 73.4 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 |
| ≥ 6000 | 49.6 | 70.5 | 72.2 | 73.3 | 74.1 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 5000 | 50.8 | 72.4 | 74.1 | 75.3 | 76.2 | 76.3 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 |
| ≥ 4500 | 51.1 | 73.1 | 74.8 | 76.0 | 76.9 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 |
| ≥ 4000 | 51.8 | 74.6 | 76.5 | 78.0 | 79.0 | 79.1 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 |
| ≥ 3500 | 52.2 | 75.3 | 77.4 | 79.0 | 80.0 | 80.1 | 80.3 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 |
| ≥ 3000 | 52.6 | 76.0 | 78.3 | 79.8 | 80.8 | 81.0 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 2500 | 53.3 | 77.8 | 80.1 | 81.7 | 82.7 | 82.9 | 83.2 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 |
| ≥ 2000 | 54.7 | 80.0 | 82.5 | 84.1 | 85.3 | 85.5 | 86.0 | 86.2 | 86.2 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 |
| ≥ 1800 | 55.0 | 80.5 | 83.0 | 84.7 | 85.9 | 86.1 | 86.6 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 |
| ≥ 1500 | 55.7 | 82.2 | 84.8 | 86.5 | 87.9 | 88.1 | 88.6 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.2 | 89.2 |
| ≥ 1200 | 56.0 | 83.0 | 85.8 | 87.5 | 89.0 | 89.2 | 89.7 | 90.0 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.4 | 90.4 |
| ≥ 1000 | 56.6 | 84.4 | 87.3 | 89.0 | 90.8 | 91.0 | 91.6 | 92.0 | 92.0 | 92.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.5 |
| ≥ 900 | 56.6 | 84.8 | 87.8 | 89.7 | 91.5 | 91.6 | 92.3 | 92.7 | 92.7 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.2 |
| ≥ 800 | 56.8 | 85.5 | 88.6 | 90.7 | 92.7 | 92.9 | 93.6 | 94.0 | 94.0 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 |
| ≥ 700 | 57.0 | 86.0 | 89.1 | 91.2 | 93.4 | 93.6 | 94.3 | 94.7 | 94.7 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 600 | 57.0 | 86.3 | 89.4 | 91.5 | 93.9 | 94.1 | 94.9 | 95.2 | 95.2 | 95.5 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 500 | 57.1 | 86.6 | 89.8 | 92.1 | 94.7 | 94.9 | 95.8 | 96.2 | 96.2 | 96.6 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.1 |
| ≥ 400 | 57.2 | 86.8 | 90.1 | 92.5 | 95.2 | 95.5 | 96.6 | 97.0 | 97.1 | 97.7 | 97.7 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 |
| ≥ 300 | 57.2 | 86.9 | 90.3 | 92.7 | 95.5 | 95.9 | 97.1 | 97.6 | 97.7 | 98.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 200 | 57.2 | 86.9 | 90.3 | 92.7 | 95.6 | 96.0 | 97.1 | 97.7 | 97.8 | 98.6 | 98.9 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 |
| ≥ 100 | 57.2 | 86.9 | 90.3 | 92.7 | 95.6 | 96.0 | 97.2 | 97.7 | 97.8 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.7 | 99.9 |
| ≥ 0 | 57.2 | 86.9 | 90.3 | 92.7 | 95.6 | 96.0 | 97.2 | 97.7 | 97.8 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3050

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12820
STATIONKEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME42-74
YEARSNOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 43.6 | 54.1 | 54.7 | 55.0 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 20000 | 48.8 | 61.9 | 62.6 | 63.1 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 |
| ≥ 18000 | 48.9 | 62.2 | 62.9 | 63.3 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 16000 | 49.1 | 62.4 | 63.1 | 63.6 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 |
| ≥ 14000 | 50.0 | 63.6 | 64.3 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 |
| ≥ 12000 | 51.2 | 65.1 | 65.8 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 |
| ≥ 10000 | 53.2 | 67.8 | 68.5 | 69.0 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 |
| ≥ 9000 | 54.0 | 68.9 | 69.6 | 70.1 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 |
| ≥ 8000 | 55.0 | 72.0 | 73.0 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 |
| ≥ 7000 | 56.8 | 73.5 | 74.7 | 75.2 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 |
| ≥ 6000 | 57.2 | 74.3 | 75.5 | 76.2 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 5000 | 58.4 | 76.4 | 77.6 | 78.3 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 4500 | 58.7 | 77.0 | 78.2 | 78.9 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 |
| ≥ 4000 | 59.9 | 78.5 | 79.7 | 80.5 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 |
| ≥ 3500 | 60.6 | 79.8 | 81.1 | 81.9 | 82.7 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 |
| ≥ 3000 | 61.3 | 81.1 | 82.6 | 83.6 | 84.5 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 2500 | 62.3 | 83.0 | 84.6 | 85.6 | 86.5 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 |
| ≥ 2000 | 63.4 | 85.2 | 87.0 | 88.0 | 89.1 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 |
| ≥ 1800 | 63.7 | 85.7 | 87.5 | 88.6 | 89.7 | 89.9 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 |
| ≥ 1500 | 64.3 | 87.2 | 89.1 | 90.3 | 91.5 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 |
| ≥ 1200 | 64.5 | 88.2 | 90.1 | 91.4 | 92.7 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 |
| ≥ 1000 | 64.9 | 89.5 | 91.4 | 92.7 | 94.0 | 94.2 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 |
| ≥ 900 | 65.0 | 89.8 | 91.9 | 93.1 | 94.6 | 94.8 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 |
| ≥ 800 | 65.0 | 90.3 | 92.4 | 93.8 | 95.3 | 95.5 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 700 | 65.0 | 90.4 | 92.6 | 94.0 | 95.7 | 95.9 | 96.3 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 |
| ≥ 600 | 65.1 | 90.6 | 93.0 | 94.4 | 96.2 | 96.4 | 96.8 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 |
| ≥ 500 | 65.1 | 91.0 | 93.4 | 94.8 | 96.8 | 97.1 | 97.7 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 65.2 | 91.2 | 93.7 | 95.2 | 97.3 | 97.6 | 98.2 | 98.4 | 98.5 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 300 | 65.2 | 91.2 | 93.7 | 95.3 | 97.3 | 97.6 | 98.3 | 98.6 | 98.7 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 200 | 65.2 | 91.2 | 93.7 | 95.3 | 97.4 | 97.7 | 98.4 | 98.8 | 98.9 | 99.2 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 |
| ≥ 100 | 65.2 | 91.2 | 93.7 | 95.3 | 97.4 | 97.7 | 98.4 | 98.8 | 98.9 | 99.2 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 |
| ≥ 0 | 65.2 | 91.2 | 93.7 | 95.3 | 97.4 | 97.7 | 98.4 | 98.8 | 98.9 | 99.2 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3007

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥⅒ | ≥0 |
| NO CEILING | 43.2 | 55.4 | 56.5 | 57.0 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 20000 | 47.5 | 62.4 | 63.6 | 64.3 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 18000 | 47.7 | 62.6 | 63.9 | 64.6 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 16000 | 48.0 | 62.9 | 64.2 | 64.9 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 14000 | 49.4 | 64.6 | 66.0 | 66.6 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 12000 | 50.6 | 66.3 | 67.7 | 68.5 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 10000 | 52.3 | 68.9 | 70.4 | 71.1 | 71.6 | 71.6 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 9000 | 53.0 | 70.1 | 71.6 | 72.4 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 8000 | 55.1 | 73.6 | 75.2 | 76.0 | 76.6 | 76.6 | 76.7 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 7000 | 56.1 | 75.4 | 77.1 | 77.9 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 6000 | 56.7 | 76.4 | 78.2 | 79.0 | 79.6 | 79.7 | 79.8 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 5000 | 57.5 | 77.9 | 79.8 | 80.6 | 81.3 | 81.3 | 81.5 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 4500 | 57.8 | 78.4 | 80.4 | 81.2 | 81.9 | 81.9 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 4000 | 58.8 | 80.0 | 82.1 | 83.0 | 83.8 | 83.9 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 3500 | 59.3 | 81.0 | 83.1 | 84.2 | 84.9 | 85.0 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 3000 | 59.9 | 82.4 | 84.7 | 85.8 | 86.6 | 86.7 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 2500 | 60.5 | 83.7 | 86.0 | 87.2 | 88.0 | 88.1 | 88.5 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 2000 | 61.1 | 85.2 | 87.8 | 88.9 | 89.8 | 89.9 | 90.5 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1800 | 61.2 | 85.6 | 88.2 | 89.4 | 90.3 | 90.4 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1500 | 61.7 | 86.6 | 89.3 | 90.6 | 91.5 | 91.6 | 92.3 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1200 | 62.0 | 87.3 | 90.0 | 91.4 | 92.3 | 92.4 | 93.1 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1000 | 62.2 | 88.0 | 90.8 | 92.2 | 93.3 | 93.4 | 94.1 | 94.2 | 94.3 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 900 | 62.2 | 88.3 | 91.0 | 92.5 | 93.6 | 93.6 | 94.4 | 94.5 | 94.6 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 800 | 62.2 | 88.9 | 91.8 | 93.2 | 94.3 | 94.4 | 95.2 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 |
| ≥ 700 | 62.2 | 89.2 | 92.2 | 93.7 | 94.9 | 95.0 | 95.8 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 600 | 62.2 | 89.4 | 92.5 | 94.0 | 95.3 | 95.4 | 96.2 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 |
| ≥ 500 | 62.2 | 89.8 | 93.0 | 94.4 | 95.9 | 96.1 | 97.3 | 97.4 | 97.5 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 62.2 | 90.0 | 93.2 | 95.0 | 96.5 | 96.6 | 97.9 | 98.2 | 98.2 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 62.2 | 90.0 | 93.3 | 95.0 | 96.5 | 96.7 | 98.1 | 98.4 | 98.4 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 200 | 62.2 | 90.1 | 93.4 | 95.1 | 96.6 | 96.7 | 98.2 | 98.5 | 98.6 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 99.7 |
| ≥ 100 | 62.2 | 90.1 | 93.4 | 95.1 | 96.6 | 96.7 | 98.2 | 98.5 | 98.6 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 99.8 |
| ≥ 0 | 62.2 | 90.1 | 93.4 | 95.1 | 96.6 | 96.7 | 98.2 | 98.5 | 98.6 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2991

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 39.7 | 59.1 | 60.6 | 61.3 | 61.8 | 61.9 | 62.1 | 62.2 | 62.3 | 62.5 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 20000 | 42.2 | 63.7 | 65.7 | 66.5 | 67.0 | 67.1 | 67.3 | 67.4 | 67.5 | 67.7 | 67.8 | 67.8 | 67.9 | 67.9 | 68.0 | 68.0 |
| IV 18000 | 42.4 | 64.0 | 65.9 | 66.8 | 67.3 | 67.4 | 67.6 | 67.7 | 67.8 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 |
| IV 16000 | 42.6 | 64.3 | 66.3 | 67.1 | 67.6 | 67.8 | 67.9 | 68.0 | 68.1 | 68.3 | 68.4 | 68.4 | 68.5 | 68.5 | 68.6 | 68.6 |
| IV 14000 | 43.2 | 65.4 | 67.4 | 68.2 | 68.7 | 68.9 | 69.0 | 69.1 | 69.2 | 69.4 | 69.5 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 |
| IV 12000 | 44.4 | 67.0 | 69.1 | 70.0 | 70.5 | 70.6 | 70.8 | 70.9 | 71.0 | 71.2 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 |
| IV 10000 | 45.7 | 69.5 | 71.6 | 72.5 | 73.0 | 73.2 | 73.3 | 73.4 | 73.5 | 73.7 | 73.8 | 73.8 | 73.9 | 73.9 | 74.0 | 74.0 |
| IV 9000 | 46.1 | 70.3 | 72.4 | 73.4 | 73.9 | 74.0 | 74.2 | 74.3 | 74.4 | 74.6 | 74.6 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 |
| IV 8000 | 47.3 | 72.4 | 74.6 | 75.6 | 76.1 | 76.3 | 76.4 | 76.6 | 76.7 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 7000 | 48.4 | 74.8 | 77.0 | 78.0 | 78.5 | 78.7 | 78.9 | 79.0 | 79.1 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.6 | 79.6 |
| IV 6000 | 48.8 | 75.6 | 78.0 | 79.9 | 79.5 | 79.6 | 79.7 | 79.9 | 80.0 | 80.3 | 80.3 | 80.3 | 80.5 | 80.5 | 80.5 | 80.5 |
| IV 5000 | 49.6 | 77.4 | 79.9 | 80.8 | 81.6 | 81.6 | 81.8 | 81.9 | 82.0 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.5 | 82.5 |
| IV 4500 | 50.3 | 77.9 | 80.5 | 81.5 | 82.1 | 82.3 | 82.4 | 82.6 | 82.7 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.2 | 83.2 |
| IV 4000 | 50.5 | 78.7 | 81.3 | 82.3 | 83.0 | 83.2 | 83.4 | 83.6 | 83.7 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 |
| IV 3500 | 50.7 | 79.4 | 82.1 | 83.2 | 83.9 | 84.1 | 84.3 | 84.5 | 84.6 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 |
| IV 3000 | 51.5 | 80.8 | 83.6 | 84.7 | 85.5 | 85.7 | 85.9 | 86.1 | 86.2 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 |
| IV 2500 | 52.0 | 82.0 | 85.0 | 86.2 | 87.0 | 87.2 | 87.5 | 87.8 | 87.9 | 88.2 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 2000 | 52.5 | 83.9 | 87.0 | 88.2 | 89.1 | 89.3 | 89.8 | 90.1 | 90.2 | 90.5 | 90.5 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 1800 | 52.7 | 84.4 | 87.6 | 88.7 | 89.7 | 89.9 | 90.4 | 90.7 | 90.8 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 1600 | 52.8 | 85.4 | 88.7 | 89.8 | 90.8 | 91.0 | 91.5 | 91.8 | 91.9 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 | 92.5 | 92.5 |
| IV 1400 | 53.1 | 86.3 | 89.6 | 90.7 | 91.7 | 91.9 | 92.4 | 92.8 | 92.9 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 |
| IV 1200 | 53.2 | 86.7 | 90.2 | 91.5 | 92.5 | 92.7 | 93.2 | 93.5 | 93.6 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 |
| IV 1000 | 53.2 | 87.1 | 90.5 | 91.9 | 92.9 | 93.1 | 93.6 | 94.0 | 94.1 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 |
| IV 900 | 53.3 | 87.4 | 90.9 | 92.4 | 93.5 | 93.7 | 94.2 | 94.6 | 94.7 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 |
| IV 800 | 53.3 | 87.7 | 91.3 | 92.9 | 94.0 | 94.2 | 94.7 | 95.1 | 95.3 | 95.6 | 95.6 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 |
| IV 700 | 53.3 | 87.7 | 91.3 | 92.9 | 94.0 | 94.2 | 94.7 | 95.1 | 95.3 | 95.6 | 95.6 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 |
| IV 600 | 53.3 | 87.7 | 91.3 | 92.9 | 94.0 | 94.2 | 94.7 | 95.1 | 95.3 | 95.6 | 95.6 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 |
| IV 500 | 53.3 | 88.4 | 92.1 | 94.0 | 95.5 | 95.7 | 96.3 | 96.7 | 96.9 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 |
| IV 400 | 53.3 | 88.4 | 92.1 | 94.0 | 95.5 | 95.7 | 96.3 | 96.7 | 96.9 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 |
| IV 300 | 53.3 | 88.5 | 92.3 | 94.1 | 95.6 | 95.9 | 96.8 | 97.3 | 97.5 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 |
| IV 200 | 53.3 | 88.6 | 92.3 | 94.2 | 95.7 | 96.0 | 96.9 | 97.4 | 97.6 | 98.6 | 98.8 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 |
| IV 100 | 53.3 | 88.6 | 92.3 | 94.2 | 95.7 | 96.0 | 96.9 | 97.4 | 97.6 | 98.6 | 98.8 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 |
| IV 0 | 53.3 | 88.7 | 92.4 | 94.3 | 95.8 | 96.0 | 97.0 | 97.5 | 97.7 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2980

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATIONKEESLER AFB MISSISSIPPI/BILOXI
STATION NAME42-74
YEARNNV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LT ST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥1 | ≥.5 | ≥.5 | ≥.5 | ≥.5 | ≥.5 | ≥0 |
| NO CEILING | 36.8 | 59.0 | 61.2 | 62.4 | 63.1 | 63.2 | 63.7 | 63.8 | 63.8 | 64.2 | 64.3 | 64.3 | 64.6 | 64.6 | 64.8 | 65.0 |
| ≥ 20000 | 38.9 | 63.2 | 65.8 | 67.0 | 67.7 | 67.8 | 68.3 | 68.4 | 68.5 | 68.9 | 69.0 | 69.0 | 69.3 | 69.3 | 69.4 | 69.6 |
| ≥ 18000 | 39.0 | 63.3 | 65.9 | 67.1 | 67.8 | 68.0 | 68.4 | 68.5 | 68.6 | 69.0 | 69.1 | 69.1 | 69.4 | 69.4 | 69.5 | 69.7 |
| ≥ 16000 | 39.1 | 63.6 | 66.2 | 67.4 | 68.2 | 68.3 | 68.3 | 68.9 | 68.9 | 69.3 | 69.4 | 69.4 | 69.7 | 69.7 | 69.9 | 70.1 |
| ≥ 14000 | 39.3 | 64.1 | 66.7 | 67.9 | 68.7 | 68.8 | 69.3 | 69.4 | 69.4 | 69.8 | 69.9 | 69.9 | 70.2 | 70.2 | 70.4 | 70.6 |
| ≥ 12000 | 40.3 | 65.5 | 68.2 | 69.4 | 70.2 | 70.3 | 70.8 | 70.9 | 71.0 | 71.3 | 71.4 | 71.4 | 71.7 | 71.7 | 71.9 | 72.1 |
| ≥ 10000 | 41.3 | 67.7 | 70.5 | 71.7 | 72.5 | 72.6 | 73.1 | 73.2 | 73.3 | 73.7 | 73.8 | 73.8 | 74.1 | 74.1 | 74.2 | 74.4 |
| ≥ 9000 | 42.2 | 68.3 | 71.0 | 72.2 | 73.1 | 73.2 | 73.7 | 73.8 | 73.9 | 74.3 | 74.4 | 74.4 | 74.7 | 74.7 | 74.9 | 75.0 |
| ≥ 8000 | 43.0 | 69.7 | 72.5 | 73.8 | 74.6 | 74.7 | 75.3 | 75.4 | 75.4 | 75.8 | 75.9 | 75.9 | 76.2 | 76.2 | 76.4 | 76.5 |
| ≥ 7000 | 44.0 | 71.3 | 74.1 | 75.4 | 76.3 | 76.5 | 77.0 | 77.1 | 77.2 | 77.5 | 77.7 | 77.7 | 77.9 | 77.9 | 78.1 | 78.3 |
| ≥ 6000 | 44.3 | 71.9 | 75.0 | 76.3 | 77.2 | 77.3 | 77.8 | 77.9 | 78.0 | 78.4 | 78.5 | 78.5 | 78.8 | 78.8 | 79.0 | 79.1 |
| ≥ 5000 | 44.9 | 73.7 | 76.9 | 78.2 | 79.2 | 79.3 | 79.8 | 79.9 | 80.0 | 80.4 | 80.5 | 80.5 | 80.8 | 80.8 | 81.0 | 81.1 |
| ≥ 4500 | 45.1 | 74.2 | 77.5 | 78.9 | 79.9 | 80.0 | 80.5 | 80.6 | 80.7 | 81.1 | 81.2 | 81.2 | 81.5 | 81.5 | 81.6 | 81.9 |
| ≥ 4000 | 45.4 | 75.2 | 78.6 | 80.0 | 81.1 | 81.3 | 81.8 | 81.9 | 82.0 | 82.3 | 82.4 | 82.4 | 82.7 | 82.7 | 82.9 | 83.1 |
| ≥ 3500 | 46.0 | 75.9 | 79.3 | 80.9 | 82.1 | 82.2 | 82.7 | 82.8 | 82.9 | 83.3 | 83.4 | 83.4 | 83.7 | 83.7 | 83.9 | 84.1 |
| ≥ 3000 | 46.0 | 77.2 | 80.7 | 82.3 | 83.5 | 83.6 | 84.2 | 84.3 | 84.4 | 84.7 | 84.8 | 84.8 | 85.1 | 85.1 | 85.3 | 85.5 |
| ≥ 2500 | 46.3 | 78.3 | 81.9 | 83.6 | 84.9 | 85.0 | 85.6 | 85.8 | 85.9 | 86.2 | 86.3 | 86.3 | 86.6 | 86.6 | 86.8 | 87.0 |
| ≥ 2000 | 46.5 | 79.6 | 83.4 | 85.2 | 86.5 | 86.6 | 87.2 | 87.4 | 87.5 | 87.9 | 88.0 | 88.0 | 88.3 | 88.3 | 88.5 | 88.7 |
| ≥ 1800 | 46.7 | 80.1 | 83.9 | 85.8 | 87.1 | 87.2 | 87.9 | 88.1 | 88.2 | 88.5 | 88.7 | 88.7 | 89.0 | 89.0 | 89.2 | 89.4 |
| ≥ 1500 | 46.8 | 81.0 | 84.8 | 86.9 | 88.2 | 88.3 | 89.0 | 89.2 | 89.4 | 89.8 | 89.9 | 89.9 | 90.2 | 90.2 | 90.4 | 90.6 |
| ≥ 1200 | 47.0 | 82.0 | 85.9 | 87.9 | 89.2 | 89.4 | 90.1 | 90.3 | 90.5 | 91.0 | 91.1 | 91.1 | 91.4 | 91.4 | 91.5 | 91.8 |
| ≥ 1000 | 47.2 | 82.7 | 86.6 | 88.7 | 90.0 | 90.1 | 90.9 | 91.1 | 91.3 | 91.8 | 91.9 | 91.9 | 92.2 | 92.2 | 92.4 | 92.6 |
| ≥ 900 | 47.3 | 83.2 | 87.1 | 89.3 | 90.7 | 90.8 | 91.6 | 91.8 | 92.0 | 92.5 | 92.6 | 92.6 | 92.9 | 92.9 | 93.1 | 93.3 |
| ≥ 800 | 47.3 | 83.6 | 87.6 | 89.8 | 91.4 | 91.5 | 92.3 | 92.5 | 92.7 | 93.2 | 93.3 | 93.3 | 93.6 | 93.6 | 93.8 | 94.0 |
| ≥ 700 | 47.4 | 83.9 | 88.0 | 90.4 | 92.0 | 92.2 | 93.1 | 93.3 | 93.5 | 94.1 | 94.2 | 94.2 | 94.5 | 94.5 | 94.7 | 94.9 |
| ≥ 600 | 47.5 | 84.2 | 88.4 | 90.9 | 92.6 | 92.7 | 93.7 | 93.9 | 94.1 | 94.7 | 94.8 | 94.8 | 95.1 | 95.1 | 95.3 | 95.5 |
| ≥ 500 | 47.5 | 84.9 | 89.3 | 91.9 | 93.7 | 93.9 | 94.9 | 95.1 | 95.3 | 95.9 | 96.0 | 96.0 | 96.3 | 96.3 | 96.5 | 96.7 |
| ≥ 400 | 47.5 | 85.1 | 89.5 | 92.2 | 94.1 | 94.3 | 95.3 | 95.7 | 95.8 | 96.4 | 96.5 | 96.5 | 96.8 | 96.8 | 97.1 | 97.3 |
| ≥ 300 | 47.5 | 85.4 | 89.8 | 92.5 | 94.4 | 94.6 | 95.8 | 96.3 | 96.4 | 97.0 | 97.1 | 97.1 | 97.5 | 97.5 | 97.7 | 97.9 |
| ≥ 200 | 47.5 | 85.5 | 89.9 | 92.6 | 94.7 | 94.8 | 96.1 | 96.5 | 96.7 | 97.7 | 97.8 | 97.8 | 98.1 | 98.1 | 98.5 | 98.7 |
| ≥ 100 | 47.5 | 85.5 | 89.9 | 92.6 | 94.7 | 94.9 | 96.1 | 96.6 | 96.8 | 97.9 | 98.0 | 98.0 | 98.4 | 98.4 | 98.8 | 99.2 |
| ≥ 0 | 47.5 | 85.5 | 89.9 | 92.6 | 94.7 | 94.9 | 96.1 | 96.6 | 96.8 | 97.9 | 98.0 | 98.0 | 98.4 | 98.4 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2752

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATIONKEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME47-64, 73-74
YEARSDEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LT)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 24.4 | 46.5 | 48.6 | 50.0 | 50.7 | 51.7 | 51.9 | 52.0 | 52.0 | 52.4 | 52.6 | 52.6 | 52.9 | 52.9 | 53.1 | 53.5 |
| ≥ 18000 | 25.8 | 49.4 | 51.5 | 53.0 | 53.7 | 54.0 | 54.9 | 55.1 | 55.1 | 55.4 | 55.6 | 55.6 | 55.9 | 56.0 | 56.2 | 56.5 |
| ≥ 16000 | 26.0 | 49.5 | 51.6 | 53.1 | 53.8 | 54.1 | 55.0 | 55.2 | 55.2 | 55.5 | 55.8 | 55.8 | 56.1 | 56.1 | 56.3 | 56.7 |
| ≥ 14000 | 26.0 | 49.6 | 51.8 | 53.2 | 54.0 | 54.3 | 55.2 | 55.3 | 55.3 | 55.7 | 55.9 | 55.9 | 56.2 | 56.2 | 56.4 | 56.8 |
| ≥ 12000 | 26.0 | 50.0 | 52.3 | 53.7 | 54.5 | 54.8 | 55.7 | 55.8 | 55.8 | 56.2 | 56.4 | 56.4 | 56.7 | 56.7 | 57.0 | 57.3 |
| ≥ 10000 | 26.4 | 50.8 | 52.1 | 54.6 | 55.3 | 55.6 | 56.5 | 56.7 | 56.7 | 57.0 | 57.3 | 57.3 | 57.6 | 57.6 | 57.8 | 58.2 |
| ≥ 9000 | 27.0 | 52.7 | 55.1 | 56.6 | 57.3 | 57.6 | 58.5 | 58.7 | 58.7 | 59.0 | 59.2 | 59.2 | 59.5 | 59.6 | 59.8 | 60.1 |
| ≥ 8000 | 27.1 | 52.8 | 55.3 | 56.8 | 57.5 | 57.8 | 58.7 | 58.9 | 58.9 | 59.2 | 59.4 | 59.4 | 59.7 | 59.9 | 60.0 | 60.3 |
| ≥ 7000 | 27.5 | 54.0 | 56.5 | 58.1 | 58.8 | 59.1 | 60.0 | 60.2 | 60.2 | 60.5 | 60.7 | 60.7 | 61.0 | 61.1 | 61.3 | 61.6 |
| ≥ 6000 | 28.0 | 55.4 | 57.9 | 59.5 | 60.2 | 60.5 | 61.4 | 61.6 | 61.6 | 62.0 | 62.2 | 62.2 | 62.5 | 62.5 | 62.7 | 63.1 |
| ≥ 5000 | 28.1 | 56.1 | 58.7 | 60.3 | 61.2 | 61.5 | 62.5 | 62.6 | 62.6 | 63.0 | 63.2 | 63.2 | 63.5 | 63.5 | 63.8 | 64.1 |
| ≥ 4500 | 28.4 | 57.5 | 60.2 | 61.8 | 62.8 | 63.1 | 64.1 | 64.2 | 64.2 | 64.6 | 64.8 | 64.8 | 65.1 | 65.1 | 65.3 | 65.7 |
| ≥ 4000 | 28.6 | 59.2 | 61.0 | 62.7 | 63.7 | 64.0 | 64.9 | 65.1 | 65.1 | 65.4 | 65.6 | 65.6 | 65.9 | 66.0 | 66.2 | 66.5 |
| ≥ 3500 | 29.3 | 60.0 | 62.9 | 64.7 | 65.9 | 66.2 | 67.1 | 67.3 | 67.4 | 67.7 | 67.9 | 67.9 | 68.2 | 68.2 | 68.5 | 68.8 |
| ≥ 3000 | 29.7 | 61.4 | 64.4 | 66.2 | 67.3 | 67.6 | 68.5 | 68.8 | 68.8 | 69.2 | 69.4 | 69.4 | 69.7 | 69.7 | 70.0 | 70.3 |
| ≥ 2500 | 30.4 | 63.0 | 66.7 | 68.7 | 69.8 | 70.1 | 71.1 | 71.3 | 71.4 | 71.7 | 71.9 | 71.9 | 72.3 | 72.3 | 72.6 | 73.0 |
| ≥ 2000 | 31.1 | 65.4 | 68.5 | 70.7 | 71.9 | 72.2 | 73.1 | 73.4 | 73.4 | 73.8 | 74.0 | 74.0 | 74.3 | 74.4 | 74.6 | 75.1 |
| ≥ 1800 | 31.7 | 67.2 | 70.4 | 72.7 | 74.2 | 74.5 | 75.0 | 75.9 | 75.9 | 76.3 | 76.5 | 76.5 | 76.9 | 76.9 | 77.2 | 77.6 |
| ≥ 1500 | 31.7 | 67.4 | 70.6 | 72.9 | 74.4 | 74.7 | 75.9 | 76.2 | 76.3 | 76.6 | 76.9 | 76.9 | 77.2 | 77.3 | 77.5 | 78.0 |
| ≥ 1200 | 32.1 | 69.2 | 72.7 | 75.0 | 76.5 | 76.8 | 78.1 | 78.4 | 78.4 | 78.9 | 79.1 | 79.1 | 79.5 | 79.5 | 79.8 | 80.2 |
| ≥ 1000 | 32.5 | 70.3 | 74.0 | 76.4 | 78.1 | 78.4 | 79.8 | 80.1 | 80.2 | 80.7 | 80.9 | 80.9 | 81.3 | 81.3 | 81.6 | 82.0 |
| ≥ 900 | 32.6 | 71.2 | 75.0 | 77.5 | 79.3 | 79.6 | 81.2 | 81.5 | 81.6 | 82.0 | 82.2 | 82.2 | 82.7 | 82.7 | 83.0 | 83.4 |
| ≥ 800 | 32.7 | 71.5 | 75.3 | 78.0 | 79.8 | 80.1 | 81.7 | 82.0 | 82.1 | 82.5 | 82.8 | 82.8 | 83.2 | 83.2 | 83.5 | 83.9 |
| ≥ 700 | 32.8 | 72.1 | 76.2 | 78.8 | 80.7 | 81.1 | 82.7 | 83.0 | 83.1 | 83.6 | 83.8 | 83.8 | 84.3 | 84.3 | 84.6 | 85.0 |
| ≥ 600 | 32.8 | 72.5 | 76.7 | 79.5 | 81.4 | 81.8 | 83.4 | 83.7 | 83.8 | 84.3 | 84.6 | 84.6 | 85.0 | 85.1 | 85.3 | 85.8 |
| ≥ 500 | 32.8 | 72.7 | 76.9 | 79.8 | 82.0 | 82.3 | 83.5 | 84.3 | 84.3 | 85.0 | 85.2 | 85.2 | 85.7 | 85.8 | 86.1 | 86.5 |
| ≥ 400 | 32.9 | 73.3 | 78.1 | 81.0 | 83.6 | 83.9 | 85.6 | 86.1 | 86.1 | 86.8 | 87.0 | 87.0 | 87.5 | 87.5 | 87.8 | 88.3 |
| ≥ 300 | 33.0 | 73.7 | 78.6 | 81.7 | 84.3 | 84.7 | 86.6 | 87.1 | 87.2 | 87.9 | 88.1 | 88.1 | 88.6 | 88.7 | 89.0 | 89.4 |
| ≥ 200 | 33.0 | 73.9 | 78.9 | 82.0 | 84.9 | 85.2 | 87.3 | 88.0 | 88.1 | 89.0 | 89.3 | 89.3 | 89.8 | 89.9 | 90.4 | 90.9 |
| ≥ 100 | 33.0 | 73.9 | 78.9 | 82.1 | 85.2 | 85.5 | 87.8 | 88.7 | 88.8 | 90.2 | 90.6 | 90.6 | 91.5 | 91.7 | 92.4 | 92.9 |
| ≥ 0 | 33.0 | 73.9 | 78.9 | 82.2 | 85.4 | 85.7 | 87.9 | 88.8 | 89.0 | 90.5 | 90.9 | 90.9 | 92.1 | 92.4 | 93.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2337

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13920
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-65,68-74
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.3 | 43.3 | 45.2 | 46.8 | 48.2 | 48.2 | 48.7 | 48.7 | 48.7 | 49.0 | 49.2 | 49.3 | 49.8 | 49.9 | 50.3 | 51.0 |
| ≥ 20000 | 24.3 | 45.1 | 47.1 | 48.7 | 50.1 | 50.1 | 50.6 | 50.6 | 50.6 | 50.9 | 51.1 | 51.2 | 51.7 | 51.8 | 52.2 | 52.9 |
| ≥ 18000 | 24.4 | 45.3 | 47.3 | 48.9 | 50.3 | 50.3 | 50.7 | 50.8 | 50.8 | 51.1 | 51.3 | 51.3 | 51.8 | 52.0 | 52.3 | 53.1 |
| ≥ 16000 | 24.4 | 45.3 | 47.3 | 48.9 | 50.3 | 50.3 | 50.8 | 50.8 | 50.8 | 51.1 | 51.3 | 51.4 | 51.9 | 52.0 | 52.4 | 53.1 |
| ≥ 14000 | 24.6 | 46.0 | 48.1 | 49.7 | 51.1 | 51.1 | 51.6 | 51.6 | 51.6 | 51.9 | 52.1 | 52.2 | 52.7 | 52.8 | 53.2 | 53.9 |
| ≥ 12000 | 25.1 | 47.4 | 49.5 | 51.1 | 52.5 | 52.5 | 53.0 | 53.0 | 53.0 | 53.3 | 53.6 | 53.6 | 54.1 | 54.2 | 54.6 | 55.3 |
| ≥ 10000 | 25.9 | 49.1 | 51.5 | 53.0 | 54.4 | 54.4 | 54.9 | 55.0 | 55.0 | 55.2 | 55.5 | 55.5 | 56.0 | 56.1 | 56.5 | 57.3 |
| ≥ 9000 | 26.0 | 49.4 | 51.8 | 53.4 | 54.8 | 54.8 | 55.2 | 55.3 | 55.3 | 55.5 | 55.8 | 55.8 | 56.3 | 56.5 | 56.8 | 57.6 |
| ≥ 8000 | 26.4 | 50.5 | 52.9 | 54.5 | 55.9 | 55.9 | 56.3 | 56.4 | 56.4 | 56.7 | 56.9 | 56.9 | 57.5 | 57.6 | 57.9 | 58.7 |
| ≥ 7000 | 26.5 | 52.1 | 54.6 | 56.2 | 57.6 | 57.6 | 58.1 | 58.1 | 58.1 | 58.4 | 58.6 | 58.6 | 59.2 | 59.3 | 59.6 | 60.4 |
| ≥ 6000 | 27.2 | 53.4 | 55.9 | 57.5 | 58.9 | 58.9 | 59.4 | 59.4 | 59.4 | 59.7 | 60.0 | 60.0 | 60.5 | 60.6 | 61.0 | 61.7 |
| ≥ 5000 | 27.4 | 54.8 | 57.6 | 59.4 | 61.0 | 61.0 | 61.5 | 61.6 | 61.6 | 61.8 | 62.1 | 62.1 | 62.6 | 62.7 | 63.1 | 63.9 |
| ≥ 4500 | 27.6 | 55.7 | 58.5 | 60.4 | 62.0 | 62.0 | 62.5 | 62.6 | 62.6 | 62.9 | 63.1 | 63.2 | 63.7 | 63.8 | 64.2 | 64.9 |
| ≥ 4000 | 28.5 | 57.8 | 60.6 | 62.6 | 64.4 | 64.4 | 64.9 | 65.0 | 65.0 | 65.3 | 65.5 | 65.6 | 66.1 | 66.2 | 66.6 | 67.3 |
| ≥ 3500 | 28.9 | 58.7 | 61.4 | 63.5 | 65.3 | 65.3 | 65.8 | 65.9 | 65.9 | 66.2 | 66.4 | 66.5 | 67.0 | 67.1 | 67.5 | 68.2 |
| ≥ 3000 | 29.5 | 60.2 | 63.1 | 65.4 | 67.4 | 67.4 | 68.0 | 68.1 | 68.1 | 68.5 | 68.7 | 68.8 | 69.3 | 69.4 | 69.8 | 70.5 |
| ≥ 2500 | 30.3 | 62.1 | 65.2 | 67.8 | 69.8 | 69.8 | 70.5 | 70.6 | 70.6 | 71.0 | 71.3 | 71.3 | 71.8 | 71.9 | 72.3 | 73.0 |
| ≥ 2000 | 31.1 | 64.5 | 67.9 | 70.6 | 72.8 | 72.8 | 73.6 | 73.7 | 73.7 | 74.1 | 74.4 | 74.4 | 74.9 | 75.0 | 75.4 | 76.1 |
| ≥ 1800 | 31.1 | 64.9 | 68.3 | 71.1 | 73.4 | 73.4 | 74.2 | 74.3 | 74.3 | 74.7 | 75.0 | 75.0 | 75.5 | 75.6 | 76.0 | 76.7 |
| ≥ 1500 | 31.7 | 66.3 | 70.0 | 73.0 | 75.3 | 75.3 | 76.3 | 76.4 | 76.4 | 76.8 | 77.1 | 77.1 | 77.7 | 77.8 | 78.2 | 78.9 |
| ≥ 1200 | 32.1 | 67.1 | 70.9 | 74.0 | 76.5 | 76.5 | 77.6 | 77.8 | 77.8 | 78.2 | 78.4 | 78.5 | 79.0 | 79.1 | 79.5 | 80.3 |
| ≥ 1000 | 32.2 | 67.9 | 71.8 | 75.0 | 77.4 | 77.5 | 78.6 | 78.8 | 78.8 | 79.3 | 79.6 | 79.6 | 80.2 | 80.3 | 80.7 | 81.5 |
| ≥ 900 | 32.3 | 68.3 | 72.3 | 75.5 | 78.0 | 78.0 | 79.2 | 79.4 | 79.4 | 80.0 | 80.2 | 80.3 | 80.8 | 81.0 | 81.4 | 82.1 |
| ≥ 800 | 32.5 | 69.2 | 73.3 | 76.5 | 79.0 | 79.2 | 80.4 | 80.7 | 80.7 | 81.2 | 81.5 | 81.5 | 82.1 | 82.2 | 82.6 | 83.4 |
| ≥ 700 | 32.6 | 69.4 | 73.6 | 77.0 | 79.6 | 79.7 | 81.0 | 81.3 | 81.3 | 81.9 | 82.1 | 82.2 | 82.7 | 82.9 | 83.3 | 84.1 |
| ≥ 600 | 32.7 | 70.0 | 74.5 | 78.0 | 80.8 | 80.9 | 82.2 | 82.6 | 82.6 | 83.3 | 83.5 | 83.6 | 84.1 | 84.3 | 84.7 | 85.5 |
| ≥ 500 | 32.8 | 70.5 | 75.5 | 79.0 | 81.9 | 82.0 | 83.4 | 83.8 | 83.8 | 84.6 | 84.9 | 84.9 | 85.4 | 85.6 | 86.0 | 86.7 |
| ≥ 400 | 32.8 | 71.1 | 76.4 | 80.1 | 83.2 | 83.3 | 84.7 | 85.2 | 85.3 | 86.2 | 86.4 | 86.5 | 87.1 | 87.2 | 87.8 | 88.7 |
| ≥ 300 | 32.9 | 71.3 | 76.7 | 80.6 | 83.9 | 84.1 | 85.6 | 86.2 | 86.4 | 87.4 | 87.8 | 87.8 | 88.5 | 88.7 | 89.3 | 90.3 |
| ≥ 200 | 32.9 | 71.5 | 76.9 | 80.9 | 84.5 | 84.7 | 86.4 | 87.0 | 87.2 | 88.8 | 89.4 | 89.5 | 90.7 | 90.9 | 91.5 | 92.9 |
| ≥ 100 | 32.9 | 71.5 | 76.9 | 81.0 | 84.6 | 84.7 | 86.4 | 87.1 | 87.3 | 88.9 | 89.7 | 89.8 | 91.3 | 91.7 | 92.5 | 93.8 |
| ≥ 0 | 32.9 | 71.5 | 76.9 | 81.0 | 84.6 | 84.7 | 86.4 | 87.2 | 87.4 | 89.0 | 89.8 | 89.9 | 91.6 | 91.9 | 93.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2515

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13820
STATIONKEESLER AFB MISSISSIPPI/BILUXI
STATION NAME42-74
YEARSDEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1' | ≥ 1 | ≥ ½ | ≥ ¼ | ≥ ⅛ | ≥ 1/16 | ≥ 1/32 | ≥ 0 |
| NO CEILING | 21.1 | 35.0 | 36.9 | 37.6 | 38.6 | 38.8 | 39.4 | 39.6 | 39.6 | 39.9 | 40.0 | 40.0 | 40.3 | 40.3 | 40.6 | 40.9 |
| ≥ 20000 | 23.0 | 38.8 | 40.9 | 41.9 | 43.0 | 43.2 | 43.8 | 44.0 | 44.0 | 44.4 | 44.6 | 44.6 | 45.0 | 45.0 | 45.3 | 45.7 |
| ≥ 18000 | 23.0 | 38.9 | 41.0 | 42.0 | 43.1 | 43.3 | 43.9 | 44.1 | 44.1 | 44.5 | 44.7 | 44.7 | 45.1 | 45.1 | 45.4 | 45.8 |
| ≥ 16000 | 23.1 | 39.0 | 41.1 | 42.0 | 43.2 | 43.4 | 44.0 | 44.2 | 44.2 | 44.6 | 44.8 | 44.8 | 45.2 | 45.2 | 45.5 | 45.9 |
| ≥ 14000 | 23.3 | 39.7 | 41.8 | 42.8 | 43.9 | 44.2 | 44.8 | 45.0 | 45.0 | 45.4 | 45.6 | 45.7 | 46.0 | 46.0 | 46.3 | 46.7 |
| ≥ 12000 | 23.7 | 40.7 | 42.9 | 43.9 | 45.0 | 45.3 | 45.9 | 46.1 | 46.1 | 46.5 | 46.7 | 46.8 | 47.1 | 47.1 | 47.5 | 47.9 |
| ≥ 10000 | 25.2 | 43.1 | 45.5 | 46.6 | 47.8 | 48.1 | 48.7 | 48.9 | 48.9 | 49.3 | 49.5 | 49.5 | 49.9 | 49.9 | 50.2 | 50.6 |
| ≥ 9000 | 25.5 | 43.9 | 46.3 | 47.5 | 48.7 | 49.0 | 49.6 | 49.8 | 49.8 | 50.2 | 50.4 | 50.4 | 50.7 | 50.8 | 51.1 | 51.5 |
| ≥ 8000 | 26.2 | 45.6 | 48.1 | 49.3 | 50.5 | 50.7 | 51.3 | 51.6 | 51.6 | 52.0 | 52.2 | 52.2 | 52.6 | 52.6 | 52.9 | 53.4 |
| ≥ 7000 | 26.7 | 47.3 | 50.0 | 51.2 | 52.5 | 52.8 | 53.4 | 53.6 | 53.6 | 54.1 | 54.3 | 54.3 | 54.7 | 54.7 | 55.0 | 55.5 |
| ≥ 6000 | 27.3 | 48.5 | 51.3 | 52.6 | 53.9 | 54.2 | 54.8 | 55.0 | 55.0 | 55.5 | 55.7 | 55.8 | 56.2 | 56.2 | 56.5 | 57.0 |
| ≥ 5000 | 27.9 | 49.9 | 52.7 | 54.1 | 55.4 | 55.7 | 56.3 | 56.5 | 56.5 | 57.0 | 57.2 | 57.3 | 57.7 | 57.7 | 58.0 | 58.5 |
| ≥ 4500 | 28.3 | 50.6 | 53.5 | 54.9 | 56.2 | 56.5 | 57.1 | 57.4 | 57.4 | 57.9 | 58.1 | 58.2 | 58.5 | 58.6 | 58.9 | 59.3 |
| ≥ 4000 | 29.3 | 52.8 | 55.8 | 57.4 | 58.8 | 59.1 | 59.9 | 60.1 | 60.2 | 60.7 | 61.0 | 61.0 | 61.4 | 61.4 | 61.8 | 62.2 |
| ≥ 3500 | 30.0 | 54.5 | 57.7 | 59.3 | 60.7 | 61.0 | 61.9 | 62.1 | 62.2 | 62.7 | 63.0 | 63.1 | 63.4 | 63.5 | 63.8 | 64.2 |
| ≥ 3000 | 30.4 | 55.9 | 59.4 | 61.2 | 62.9 | 63.2 | 64.3 | 64.6 | 64.6 | 65.2 | 65.5 | 65.6 | 65.9 | 66.0 | 66.3 | 66.7 |
| ≥ 2500 | 31.2 | 58.3 | 62.0 | 63.8 | 65.7 | 66.0 | 67.1 | 67.5 | 67.6 | 68.2 | 68.5 | 68.5 | 68.9 | 69.0 | 69.3 | 69.8 |
| ≥ 2000 | 32.2 | 60.3 | 64.1 | 66.2 | 68.2 | 68.6 | 69.8 | 70.3 | 70.4 | 71.1 | 71.4 | 71.4 | 71.9 | 71.9 | 72.3 | 72.7 |
| ≥ 1800 | 32.3 | 60.3 | 64.4 | 66.6 | 68.7 | 69.1 | 70.4 | 70.8 | 70.9 | 71.6 | 71.9 | 72.0 | 72.4 | 72.5 | 72.8 | 73.2 |
| ≥ 1500 | 32.9 | 61.9 | 66.0 | 68.4 | 70.7 | 71.0 | 72.4 | 72.8 | 72.9 | 73.7 | 74.0 | 74.1 | 74.5 | 74.6 | 75.0 | 75.4 |
| ≥ 1200 | 33.3 | 63.0 | 67.4 | 70.0 | 72.3 | 72.8 | 74.3 | 74.7 | 74.9 | 75.6 | 76.0 | 76.0 | 76.5 | 76.5 | 76.9 | 77.3 |
| ≥ 1000 | 33.5 | 64.3 | 69.1 | 71.9 | 74.5 | 75.0 | 76.6 | 77.1 | 77.3 | 78.1 | 78.5 | 78.5 | 79.0 | 79.1 | 79.5 | 80.0 |
| ≥ 900 | 34.1 | 65.2 | 70.2 | 72.9 | 75.6 | 76.0 | 77.7 | 78.2 | 78.4 | 79.3 | 79.7 | 79.7 | 80.2 | 80.3 | 80.7 | 81.2 |
| ≥ 800 | 34.2 | 66.0 | 71.1 | 74.0 | 76.9 | 77.3 | 79.1 | 79.7 | 79.9 | 80.8 | 81.2 | 81.3 | 81.8 | 81.9 | 82.3 | 82.7 |
| ≥ 700 | 34.4 | 66.6 | 71.8 | 74.8 | 77.8 | 78.3 | 80.1 | 80.7 | 80.9 | 81.8 | 82.2 | 82.3 | 82.8 | 82.9 | 83.3 | 83.7 |
| ≥ 600 | 34.5 | 67.0 | 72.3 | 75.5 | 78.9 | 79.5 | 81.4 | 82.0 | 82.2 | 83.2 | 83.5 | 83.5 | 84.2 | 84.3 | 84.7 | 85.2 |
| ≥ 500 | 34.8 | 67.7 | 73.2 | 76.7 | 80.4 | 81.1 | 83.2 | 83.7 | 83.9 | 85.2 | 85.6 | 85.7 | 86.3 | 86.4 | 86.8 | 87.3 |
| ≥ 400 | 35.0 | 68.1 | 73.8 | 77.4 | 81.4 | 82.2 | 84.3 | 85.1 | 85.3 | 86.7 | 87.2 | 87.3 | 88.1 | 88.3 | 88.7 | 89.2 |
| ≥ 300 | 35.0 | 68.4 | 74.1 | 77.8 | 82.0 | 82.8 | 85.1 | 85.1 | 85.3 | 87.9 | 88.5 | 88.7 | 89.6 | 89.8 | 90.3 | 90.9 |
| ≥ 200 | 35.0 | 68.4 | 74.1 | 78.0 | 82.4 | 83.2 | 85.7 | 87.1 | 87.3 | 89.2 | 90.1 | 90.3 | 91.7 | 92.0 | 92.6 | 93.5 |
| ≥ 100 | 35.0 | 68.4 | 74.1 | 78.0 | 82.4 | 83.2 | 85.8 | 87.1 | 87.4 | 89.4 | 90.3 | 90.5 | 92.3 | 92.9 | 94.1 | 97.0 |
| ≥ 0 | 35.0 | 68.4 | 74.2 | 78.0 | 82.4 | 83.3 | 85.8 | 87.2 | 87.4 | 89.4 | 90.4 | 90.6 | 92.5 | 93.1 | 94.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3003

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATIONKEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME42-74
YEARSDEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LT)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 28.1 | 40.4 | 41.2 | 42.0 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.5 | 42.5 | 42.5 | 42.6 | 42.6 | 42.7 | 42.7 |
| ≥ 20000 | 31.8 | 46.4 | 47.4 | 48.3 | 48.8 | 48.8 | 48.8 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.2 | 49.2 | 49.3 | 49.3 |
| ≥ 18000 | 31.9 | 46.6 | 47.6 | 48.5 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.1 | 49.2 | 49.2 | 49.3 | 49.3 | 49.5 | 49.5 |
| ≥ 16000 | 31.9 | 46.6 | 47.6 | 48.5 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.1 | 49.2 | 49.2 | 49.3 | 49.3 | 49.5 | 49.5 |
| ≥ 14000 | 32.1 | 47.0 | 48.1 | 49.0 | 49.5 | 49.5 | 49.6 | 49.7 | 49.7 | 49.8 | 49.9 | 49.9 | 50.0 | 50.0 | 50.1 | 50.1 |
| ≥ 12000 | 33.0 | 48.5 | 49.7 | 50.6 | 51.1 | 51.1 | 51.2 | 51.3 | 51.3 | 51.4 | 51.5 | 51.5 | 51.6 | 51.6 | 51.8 | 51.8 |
| ≥ 10000 | 34.1 | 50.6 | 51.8 | 52.9 | 53.4 | 53.4 | 53.5 | 53.6 | 53.6 | 53.7 | 53.8 | 53.8 | 53.9 | 53.9 | 54.0 | 54.0 |
| ≥ 9000 | 34.6 | 51.4 | 52.7 | 53.8 | 54.3 | 54.3 | 54.5 | 54.5 | 54.5 | 54.7 | 54.7 | 54.7 | 54.9 | 54.9 | 55.0 | 55.0 |
| ≥ 8000 | 35.6 | 53.8 | 55.2 | 56.4 | 57.0 | 57.0 | 57.2 | 57.3 | 57.3 | 57.4 | 57.5 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 |
| ≥ 7000 | 36.1 | 55.2 | 56.8 | 57.9 | 58.7 | 58.7 | 58.9 | 59.0 | 59.0 | 59.1 | 59.2 | 59.2 | 59.3 | 59.3 | 59.5 | 59.5 |
| ≥ 6000 | 36.5 | 56.6 | 58.2 | 59.4 | 60.3 | 60.3 | 60.5 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.2 | 61.2 |
| ≥ 5000 | 37.5 | 58.1 | 59.7 | 61.2 | 62.1 | 62.2 | 62.4 | 62.6 | 62.6 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 | 63.1 | 63.1 |
| ≥ 4500 | 38.0 | 58.9 | 60.7 | 62.1 | 63.1 | 63.1 | 63.4 | 63.6 | 63.6 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 64.1 | 64.1 |
| ≥ 4000 | 38.7 | 60.6 | 62.6 | 64.2 | 65.2 | 65.3 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.3 | 66.3 |
| ≥ 3500 | 39.3 | 61.9 | 63.9 | 65.5 | 66.5 | 66.6 | 67.0 | 67.2 | 67.2 | 67.4 | 67.4 | 67.4 | 67.6 | 67.6 | 67.7 | 67.7 |
| ≥ 3000 | 39.7 | 64.0 | 66.2 | 68.0 | 69.1 | 69.1 | 69.6 | 69.8 | 69.9 | 70.0 | 70.1 | 70.1 | 70.2 | 70.2 | 70.4 | 70.4 |
| ≥ 2500 | 40.4 | 65.7 | 68.3 | 70.2 | 71.4 | 71.5 | 72.1 | 72.4 | 72.4 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 73.0 | 73.0 |
| ≥ 2000 | 41.5 | 68.5 | 71.4 | 73.5 | 75.1 | 75.3 | 75.9 | 76.2 | 76.3 | 76.5 | 76.6 | 76.6 | 76.8 | 76.8 | 76.9 | 76.9 |
| ≥ 1800 | 41.6 | 68.8 | 71.7 | 73.9 | 75.5 | 75.8 | 76.4 | 76.7 | 76.7 | 77.0 | 77.0 | 77.0 | 77.2 | 77.2 | 77.4 | 77.4 |
| ≥ 1500 | 42.2 | 70.3 | 73.5 | 75.8 | 77.5 | 77.7 | 78.5 | 78.8 | 78.8 | 79.1 | 79.2 | 79.2 | 79.4 | 79.4 | 79.6 | 79.6 |
| ≥ 1200 | 42.6 | 71.7 | 75.2 | 77.7 | 79.5 | 79.8 | 80.6 | 81.0 | 81.0 | 81.4 | 81.5 | 81.5 | 81.7 | 81.7 | 81.9 | 81.9 |
| ≥ 1000 | 43.1 | 73.0 | 76.7 | 79.4 | 81.6 | 81.9 | 82.8 | 83.3 | 83.3 | 83.7 | 83.9 | 83.9 | 84.0 | 84.0 | 84.2 | 84.2 |
| ≥ 900 | 43.4 | 73.8 | 77.6 | 80.4 | 82.6 | 82.9 | 83.8 | 84.3 | 84.3 | 84.8 | 84.9 | 84.9 | 85.1 | 85.1 | 85.3 | 85.3 |
| ≥ 800 | 43.7 | 74.6 | 78.4 | 81.5 | 83.8 | 84.1 | 85.3 | 85.7 | 85.8 | 86.3 | 86.4 | 86.4 | 86.6 | 86.6 | 86.7 | 86.7 |
| ≥ 700 | 43.9 | 75.2 | 79.2 | 82.3 | 84.8 | 85.1 | 86.2 | 86.8 | 86.9 | 87.5 | 87.6 | 87.6 | 87.8 | 87.8 | 88.0 | 88.0 |
| ≥ 600 | 44.3 | 75.9 | 80.1 | 83.3 | 86.0 | 86.4 | 87.9 | 88.5 | 88.5 | 89.2 | 89.3 | 89.3 | 89.5 | 89.5 | 89.7 | 89.7 |
| ≥ 500 | 44.4 | 76.3 | 80.6 | 84.4 | 87.2 | 87.8 | 89.5 | 90.3 | 90.3 | 91.2 | 91.4 | 91.4 | 91.6 | 91.6 | 91.9 | 91.9 |
| ≥ 400 | 44.4 | 76.5 | 81.0 | 85.0 | 88.2 | 88.8 | 90.9 | 91.7 | 91.8 | 92.9 | 93.2 | 93.2 | 93.5 | 93.5 | 93.7 | 93.8 |
| ≥ 300 | 44.4 | 76.7 | 81.3 | 85.3 | 88.8 | 89.4 | 91.9 | 93.0 | 93.1 | 94.7 | 95.2 | 95.2 | 95.6 | 95.7 | 96.1 | 96.3 |
| ≥ 200 | 44.4 | 76.7 | 81.3 | 85.4 | 88.8 | 89.5 | 92.1 | 93.2 | 93.4 | 95.1 | 95.8 | 95.8 | 96.0 | 96.6 | 97.5 | 98.1 |
| ≥ 100 | 44.4 | 76.7 | 81.3 | 85.4 | 88.8 | 89.5 | 92.1 | 93.2 | 93.4 | 95.1 | 95.9 | 96.1 | 96.9 | 97.1 | 97.9 | 99.2 |
| ≥ 0 | 44.4 | 76.7 | 81.3 | 85.4 | 88.8 | 89.5 | 92.1 | 93.2 | 93.4 | 95.1 | 95.9 | 96.1 | 96.9 | 97.2 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3089

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

42-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 31.7 | 43.1 | 43.6 | 43.8 | 43.8 | 43.8 | 43.8 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| ≥ 20000 | 37.0 | 51.0 | 51.7 | 52.0 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | 37.1 | 51.2 | 52.0 | 52.3 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 16000 | 37.3 | 51.5 | 52.2 | 52.6 | 52.8 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 14000 | 37.7 | 52.1 | 52.9 | 53.3 | 53.5 | 53.5 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 12000 | 38.5 | 53.7 | 54.6 | 55.0 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 10000 | 39.6 | 55.8 | 56.8 | 57.4 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 9000 | 40.3 | 56.6 | 57.7 | 58.3 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 8000 | 41.5 | 59.0 | 60.2 | 60.8 | 61.0 | 61.1 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 |
| ≥ 7000 | 42.3 | 60.7 | 62.1 | 62.9 | 63.2 | 63.3 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 |
| ≥ 6000 | 42.9 | 61.9 | 63.3 | 64.1 | 64.5 | 64.5 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 |
| ≥ 5000 | 43.5 | 63.6 | 65.1 | 66.1 | 66.4 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 |
| ≥ 4500 | 43.9 | 64.1 | 65.8 | 66.8 | 67.2 | 67.2 | 67.3 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 |
| ≥ 4000 | 45.1 | 66.5 | 68.3 | 69.4 | 69.9 | 70.0 | 70.1 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 |
| ≥ 3500 | 45.8 | 67.9 | 69.7 | 70.9 | 71.4 | 71.5 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 3000 | 46.6 | 70.3 | 72.4 | 73.6 | 74.2 | 74.2 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 2500 | 47.5 | 72.8 | 75.0 | 76.2 | 76.9 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 2000 | 48.4 | 74.8 | 77.3 | 79.0 | 79.8 | 79.9 | 80.1 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 |
| ≥ 1800 | 48.5 | 75.1 | 77.6 | 79.3 | 80.2 | 80.3 | 80.5 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 |
| ≥ 1500 | 49.5 | 77.4 | 80.2 | 82.0 | 83.0 | 83.1 | 83.5 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 |
| ≥ 1200 | 50.1 | 79.2 | 82.1 | 84.2 | 85.3 | 85.4 | 86.1 | 86.3 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 |
| ≥ 1000 | 50.5 | 80.5 | 83.8 | 86.1 | 87.4 | 87.5 | 88.2 | 88.5 | 88.6 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.1 |
| ≥ 900 | 50.7 | 80.9 | 84.3 | 86.6 | 87.9 | 88.1 | 88.9 | 89.2 | 89.3 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 |
| ≥ 800 | 50.8 | 81.6 | 85.0 | 87.5 | 89.1 | 89.3 | 90.2 | 90.5 | 90.6 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 |
| ≥ 700 | 50.8 | 81.8 | 85.4 | 88.2 | 89.8 | 90.0 | 91.0 | 91.3 | 91.3 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 92.0 |
| ≥ 600 | 50.9 | 82.4 | 86.2 | 89.0 | 90.7 | 90.9 | 92.1 | 92.4 | 92.5 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.3 |
| ≥ 500 | 50.9 | 82.6 | 86.5 | 89.6 | 91.6 | 91.9 | 93.2 | 93.6 | 93.8 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 |
| ≥ 400 | 50.9 | 82.7 | 87.0 | 90.3 | 92.4 | 92.8 | 94.4 | 94.9 | 95.1 | 96.0 | 96.3 | 96.3 | 96.4 | 96.4 | 96.5 | 96.6 |
| ≥ 300 | 50.9 | 82.8 | 87.1 | 90.5 | 92.6 | 93.1 | 94.8 | 95.3 | 95.7 | 96.8 | 97.3 | 97.4 | 97.6 | 97.7 | 97.9 | 98.1 |
| ≥ 200 | 50.9 | 82.8 | 87.1 | 90.5 | 92.7 | 93.2 | 95.0 | 95.6 | 96.1 | 97.3 | 97.8 | 97.9 | 98.4 | 98.5 | 98.8 | 99.1 |
| ≥ 100 | 50.9 | 82.8 | 87.1 | 90.5 | 92.7 | 93.2 | 95.0 | 95.6 | 96.1 | 97.4 | 98.0 | 98.1 | 98.6 | 98.7 | 99.0 | 99.6 |
| ≥ 0 | 50.9 | 82.8 | 87.1 | 90.5 | 92.7 | 93.2 | 95.0 | 95.6 | 96.1 | 97.4 | 98.0 | 98.1 | 98.7 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3070

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 29.9 | 41.6 | 42.6 | 43.3 | 43.5 | 43.6 | 43.6 | 43.7 | 43.7 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 |
| ≥ 20000 | 35.2 | 49.7 | 50.7 | 51.6 | 51.9 | 52.0 | 52.1 | 52.1 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 18000 | 35.2 | 47.7 | 50.7 | 51.6 | 51.9 | 52.0 | 52.1 | 52.1 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 16000 | 35.4 | 50.0 | 51.1 | 52.0 | 52.3 | 52.3 | 52.4 | 52.5 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 14000 | 36.1 | 50.9 | 52.1 | 53.2 | 53.5 | 53.6 | 53.7 | 53.7 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 12000 | 36.6 | 51.8 | 53.2 | 54.3 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 10000 | 37.0 | 53.8 | 55.5 | 56.8 | 57.1 | 57.1 | 57.2 | 57.3 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 9000 | 38.1 | 54.2 | 56.0 | 57.3 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 8000 | 39.7 | 57.6 | 59.5 | 61.0 | 61.3 | 61.3 | 61.4 | 61.5 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 7000 | 40.6 | 59.8 | 61.8 | 63.4 | 63.8 | 63.8 | 63.9 | 64.0 | 64.1 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 6000 | 41.0 | 60.7 | 62.8 | 64.4 | 64.8 | 64.8 | 65.0 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 |
| ≥ 5000 | 41.8 | 62.3 | 64.6 | 66.3 | 66.7 | 66.8 | 67.0 | 67.1 | 67.1 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 |
| ≥ 4500 | 42.1 | 63.0 | 65.4 | 67.1 | 67.6 | 67.6 | 67.8 | 67.9 | 68.0 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 4000 | 43.5 | 65.4 | 67.9 | 70.0 | 70.6 | 70.7 | 70.9 | 71.0 | 71.1 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 |
| ≥ 3500 | 43.9 | 66.3 | 68.9 | 71.2 | 71.8 | 72.0 | 72.2 | 72.3 | 72.3 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 |
| ≥ 3000 | 44.7 | 69.0 | 72.0 | 74.2 | 74.9 | 75.1 | 75.3 | 75.4 | 75.4 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 |
| ≥ 2500 | 45.4 | 71.1 | 74.3 | 76.7 | 77.4 | 77.6 | 78.0 | 78.1 | 78.2 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 |
| ≥ 2000 | 46.1 | 73.0 | 76.4 | 79.1 | 80.0 | 80.2 | 80.8 | 80.9 | 81.0 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.5 |
| ≥ 1800 | 46.4 | 73.0 | 77.2 | 79.8 | 80.8 | 81.0 | 81.5 | 81.7 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.4 |
| ≥ 1500 | 47.0 | 75.3 | 79.1 | 82.1 | 83.3 | 83.5 | 84.1 | 84.3 | 84.4 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 85.0 |
| ≥ 1200 | 47.3 | 76.2 | 80.3 | 83.5 | 84.7 | 84.9 | 85.7 | 85.9 | 86.1 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 |
| ≥ 1000 | 47.6 | 77.5 | 81.7 | 85.2 | 86.7 | 87.0 | 88.0 | 88.3 | 88.4 | 89.0 | 89.1 | 89.1 | 89.2 | 89.2 | 89.3 | 89.4 |
| ≥ 900 | 47.8 | 77.8 | 82.1 | 85.7 | 87.2 | 87.5 | 88.5 | 88.8 | 89.0 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 89.9 | 90.0 |
| ≥ 800 | 47.9 | 78.3 | 82.9 | 86.4 | 88.0 | 88.3 | 89.3 | 89.7 | 89.9 | 90.6 | 90.7 | 90.7 | 90.9 | 90.9 | 91.0 | 91.1 |
| ≥ 700 | 48.0 | 78.6 | 83.2 | 86.9 | 88.7 | 89.0 | 90.1 | 90.5 | 90.7 | 91.4 | 91.5 | 91.5 | 91.7 | 91.7 | 91.8 | 91.9 |
| ≥ 600 | 48.1 | 78.9 | 83.6 | 87.4 | 89.2 | 89.6 | 90.8 | 91.3 | 91.4 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.6 | 92.7 |
| ≥ 500 | 48.1 | 79.2 | 84.1 | 88.3 | 90.5 | 90.9 | 92.2 | 92.9 | 93.0 | 93.9 | 94.1 | 94.1 | 94.3 | 94.3 | 94.4 | 94.6 |
| ≥ 400 | 48.1 | 79.4 | 84.3 | 88.7 | 91.0 | 91.5 | 93.3 | 93.9 | 94.1 | 95.2 | 95.4 | 95.4 | 95.6 | 95.6 | 95.7 | 96.0 |
| ≥ 300 | 48.1 | 79.4 | 84.4 | 88.8 | 91.1 | 91.6 | 93.5 | 94.3 | 94.4 | 95.7 | 96.2 | 96.3 | 96.7 | 96.9 | 97.0 | 97.3 |
| ≥ 200 | 48.1 | 79.4 | 84.4 | 88.8 | 91.2 | 91.6 | 93.6 | 94.4 | 94.6 | 96.0 | 96.5 | 96.6 | 97.2 | 97.3 | 97.5 | 97.9 |
| ≥ 100 | 48.1 | 79.4 | 84.4 | 88.8 | 91.2 | 91.6 | 93.6 | 94.4 | 94.6 | 96.1 | 96.7 | 96.7 | 97.5 | 97.7 | 98.0 | 98.8 |
| ≥ 0 | 48.1 | 79.4 | 84.4 | 88.8 | 91.2 | 91.6 | 93.6 | 94.4 | 94.6 | 96.1 | 96.7 | 96.8 | 97.7 | 97.9 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3040

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/

CEILING VERSUS VISIBILITY

13820
STATION

KLEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5.16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.7 | 43.6 | 45.2 | 46.2 | 46.9 | 47.1 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.9 | 47.9 | 48.0 |
| ≥ 20000 | 30.7 | 48.9 | 50.5 | 52.0 | 52.7 | 52.9 | 53.5 | 53.5 | 53.5 | 53.6 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.0 |
| ≥ 18000 | 30.7 | 49.9 | 50.5 | 52.0 | 52.8 | 52.9 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.0 |
| ≥ 16000 | 30.7 | 49.1 | 50.8 | 52.3 | 53.0 | 53.2 | 53.8 | 53.8 | 53.8 | 53.9 | 54.0 | 54.0 | 54.0 | 54.2 | 54.2 | 54.4 |
| ≥ 14000 | 30.8 | 49.6 | 51.4 | 52.9 | 53.7 | 53.9 | 54.5 | 54.5 | 54.5 | 54.7 | 54.8 | 54.8 | 54.8 | 55.0 | 55.0 | 55.1 |
| ≥ 12000 | 31.4 | 50.5 | 52.3 | 53.9 | 54.7 | 54.8 | 55.4 | 55.4 | 55.4 | 55.7 | 55.7 | 55.7 | 55.7 | 56.0 | 56.0 | 56.1 |
| ≥ 10000 | 32.4 | 52.8 | 54.8 | 56.5 | 57.3 | 57.5 | 58.0 | 58.1 | 58.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.7 | 58.7 | 58.8 |
| ≥ 9000 | 32.5 | 53.0 | 55.1 | 56.8 | 57.6 | 57.8 | 58.4 | 58.4 | 58.4 | 58.7 | 58.8 | 58.8 | 58.8 | 59.0 | 59.0 | 59.1 |
| ≥ 8000 | 33.9 | 55.7 | 57.8 | 59.5 | 60.3 | 60.6 | 61.2 | 61.2 | 61.2 | 61.5 | 61.6 | 61.6 | 61.6 | 61.8 | 61.8 | 62.0 |
| ≥ 7000 | 34.6 | 57.2 | 59.4 | 61.2 | 62.0 | 62.3 | 62.9 | 63.0 | 63.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.6 | 63.6 | 63.7 |
| ≥ 6000 | 35.2 | 58.5 | 60.6 | 62.5 | 63.4 | 63.7 | 64.2 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 65.0 | 65.0 | 65.1 |
| ≥ 5000 | 36.0 | 60.1 | 62.4 | 64.6 | 65.5 | 65.8 | 66.4 | 66.5 | 66.5 | 66.8 | 66.9 | 66.9 | 66.9 | 67.1 | 67.1 | 67.2 |
| ≥ 4500 | 36.4 | 61.3 | 63.7 | 65.8 | 66.8 | 67.1 | 67.7 | 67.8 | 67.8 | 68.1 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 | 68.6 |
| ≥ 4000 | 37.2 | 62.9 | 65.5 | 67.8 | 69.0 | 69.4 | 70.0 | 70.1 | 70.1 | 70.5 | 70.6 | 70.6 | 70.6 | 70.9 | 70.9 | 71.0 |
| ≥ 3500 | 37.9 | 64.1 | 66.9 | 69.2 | 70.4 | 70.7 | 71.4 | 71.5 | 71.5 | 72.0 | 72.1 | 72.1 | 72.1 | 72.3 | 72.3 | 72.4 |
| ≥ 3000 | 38.8 | 66.2 | 69.1 | 71.6 | 73.0 | 73.3 | 74.0 | 74.1 | 74.1 | 74.6 | 74.7 | 74.7 | 74.7 | 74.9 | 74.9 | 75.0 |
| ≥ 2500 | 39.6 | 67.8 | 70.9 | 73.8 | 75.2 | 75.5 | 76.2 | 76.4 | 76.4 | 76.8 | 77.0 | 77.0 | 77.0 | 77.2 | 77.2 | 77.3 |
| ≥ 2000 | 40.3 | 70.1 | 73.6 | 76.7 | 78.4 | 78.7 | 79.4 | 79.6 | 79.6 | 80.0 | 80.1 | 80.1 | 80.1 | 80.4 | 80.4 | 80.5 |
| ≥ 1800 | 40.5 | 70.8 | 74.3 | 77.5 | 79.1 | 79.5 | 80.1 | 80.3 | 80.3 | 80.8 | 80.9 | 80.9 | 80.9 | 81.2 | 81.2 | 81.3 |
| ≥ 1500 | 41.0 | 72.3 | 76.4 | 79.7 | 81.4 | 81.8 | 82.5 | 82.7 | 82.7 | 83.2 | 83.3 | 83.3 | 83.3 | 83.6 | 83.6 | 83.7 |
| ≥ 1200 | 41.3 | 73.3 | 77.6 | 80.9 | 82.7 | 83.1 | 83.9 | 84.1 | 84.1 | 84.6 | 84.7 | 84.7 | 84.7 | 85.0 | 85.0 | 85.1 |
| ≥ 1000 | 41.4 | 74.3 | 79.0 | 82.4 | 84.3 | 84.7 | 85.6 | 85.8 | 85.8 | 86.3 | 86.5 | 86.5 | 86.5 | 86.7 | 86.7 | 86.8 |
| ≥ 900 | 41.6 | 74.9 | 79.6 | 83.0 | 85.0 | 85.4 | 86.3 | 86.5 | 86.5 | 87.0 | 87.1 | 87.1 | 87.1 | 87.4 | 87.4 | 87.5 |
| ≥ 800 | 41.7 | 75.6 | 80.2 | 83.8 | 85.8 | 86.3 | 87.1 | 87.3 | 87.3 | 87.9 | 88.0 | 88.0 | 88.0 | 88.3 | 88.3 | 88.4 |
| ≥ 700 | 41.8 | 75.8 | 80.7 | 84.3 | 86.4 | 86.8 | 87.8 | 88.1 | 88.1 | 88.6 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.1 |
| ≥ 600 | 41.9 | 76.0 | 81.2 | 84.9 | 87.0 | 87.4 | 88.5 | 88.8 | 88.9 | 89.4 | 89.6 | 89.6 | 89.6 | 89.8 | 89.8 | 90.0 |
| ≥ 500 | 42.0 | 76.7 | 81.7 | 85.3 | 88.2 | 88.8 | 90.0 | 90.4 | 90.4 | 90.9 | 91.1 | 91.1 | 91.1 | 91.4 | 91.4 | 91.5 |
| ≥ 400 | 42.0 | 76.7 | 82.1 | 86.4 | 89.4 | 89.8 | 91.5 | 91.9 | 92.0 | 92.7 | 92.9 | 92.9 | 92.9 | 93.2 | 93.2 | 93.3 |
| ≥ 300 | 42.0 | 76.7 | 82.2 | 86.6 | 89.3 | 90.2 | 92.1 | 92.6 | 92.7 | 93.3 | 93.8 | 93.9 | 93.9 | 94.5 | 94.5 | 94.7 |
| ≥ 200 | 42.0 | 76.7 | 82.3 | 86.8 | 89.9 | 90.4 | 92.4 | 93.0 | 93.1 | 94.2 | 94.7 | 94.8 | 94.8 | 95.6 | 95.7 | 96.0 |
| ≥ 100 | 42.0 | 76.7 | 82.3 | 86.8 | 90.0 | 90.5 | 92.5 | 93.0 | 93.1 | 94.6 | 95.1 | 95.2 | 95.2 | 96.2 | 96.4 | 97.0 |
| ≥ 0 | 42.0 | 76.7 | 82.3 | 86.8 | 90.0 | 90.5 | 92.5 | 93.0 | 93.1 | 94.7 | 95.1 | 95.3 | 95.3 | 96.3 | 96.5 | 97.4 |

TOTAL NUMBER OF OBSERVATIONS 2881

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

UFC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.5 | 45.2 | 46.6 | 47.9 | 48.9 | 49.0 | 49.8 | 50.1 | 50.2 | 50.6 | 50.8 | 50.8 | 50.9 | 50.9 | 51.1 | 51.4 |
| ≥ 20000 | 28.0 | 48.2 | 49.5 | 50.8 | 51.9 | 51.9 | 52.9 | 53.3 | 53.3 | 53.7 | 53.7 | 54.0 | 54.1 | 54.1 | 54.3 | 54.6 |
| ≥ 18000 | 28.1 | 48.4 | 49.8 | 51.1 | 52.1 | 52.2 | 53.1 | 53.5 | 53.6 | 54.0 | 54.2 | 54.2 | 54.3 | 54.4 | 54.6 | 54.9 |
| ≥ 16000 | 28.2 | 48.7 | 50.1 | 51.4 | 52.6 | 52.6 | 53.5 | 54.0 | 54.0 | 54.5 | 54.6 | 54.7 | 54.8 | 54.8 | 55.1 | 55.3 |
| ≥ 14000 | 28.3 | 49.2 | 50.6 | 52.0 | 53.1 | 53.1 | 54.1 | 54.5 | 54.6 | 55.0 | 55.2 | 55.2 | 55.3 | 55.4 | 55.6 | 55.9 |
| ≥ 12000 | 28.6 | 49.8 | 51.3 | 52.7 | 53.9 | 53.9 | 54.8 | 55.3 | 55.3 | 55.8 | 55.9 | 56.0 | 56.1 | 56.1 | 56.4 | 56.6 |
| ≥ 10000 | 29.6 | 52.2 | 53.7 | 55.2 | 56.3 | 56.4 | 57.3 | 57.7 | 57.8 | 58.2 | 58.4 | 58.4 | 58.6 | 58.6 | 58.9 | 59.1 |
| ≥ 9000 | 29.6 | 52.3 | 53.9 | 55.3 | 56.5 | 56.5 | 57.5 | 57.9 | 58.0 | 58.4 | 58.6 | 58.6 | 58.8 | 58.8 | 59.0 | 59.3 |
| ≥ 8000 | 30.8 | 54.7 | 56.4 | 57.9 | 59.1 | 59.1 | 60.1 | 60.5 | 60.6 | 61.0 | 61.2 | 61.2 | 61.4 | 61.4 | 61.6 | 61.9 |
| ≥ 7000 | 31.4 | 56.0 | 57.8 | 59.4 | 60.6 | 60.7 | 61.6 | 62.1 | 62.1 | 62.6 | 62.8 | 62.8 | 63.0 | 63.0 | 63.2 | 63.5 |
| ≥ 6000 | 32.0 | 57.2 | 59.0 | 60.8 | 62.3 | 62.4 | 63.4 | 63.8 | 63.9 | 64.3 | 64.5 | 64.6 | 64.7 | 64.7 | 65.0 | 65.3 |
| ≥ 5000 | 32.5 | 58.5 | 60.5 | 62.3 | 63.8 | 63.9 | 64.9 | 65.4 | 65.4 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.5 | 66.8 |
| ≥ 4500 | 32.7 | 59.2 | 61.2 | 63.1 | 64.7 | 64.7 | 65.7 | 66.2 | 66.3 | 66.7 | 66.9 | 66.9 | 67.1 | 67.1 | 67.3 | 67.7 |
| ≥ 4000 | 33.3 | 61.3 | 63.4 | 65.3 | 67.3 | 67.3 | 68.4 | 68.9 | 69.0 | 69.4 | 69.6 | 69.6 | 69.8 | 69.8 | 70.0 | 70.4 |
| ≥ 3500 | 33.6 | 62.7 | 64.9 | 66.8 | 68.8 | 68.8 | 69.8 | 70.4 | 70.4 | 70.9 | 71.1 | 71.1 | 71.3 | 71.3 | 71.5 | 71.9 |
| ≥ 3000 | 34.4 | 64.5 | 66.9 | 68.9 | 71.0 | 71.1 | 72.1 | 72.6 | 72.7 | 73.2 | 73.4 | 73.4 | 73.6 | 73.6 | 73.9 | 74.3 |
| ≥ 2500 | 35.1 | 66.4 | 68.8 | 71.1 | 73.2 | 73.3 | 74.3 | 74.8 | 74.9 | 75.4 | 75.6 | 75.7 | 75.9 | 75.9 | 76.1 | 76.6 |
| ≥ 2000 | 35.9 | 68.7 | 71.6 | 74.0 | 76.4 | 76.4 | 77.5 | 78.1 | 78.1 | 78.7 | 78.9 | 78.9 | 79.1 | 79.2 | 79.4 | 79.8 |
| ≥ 1800 | 36.0 | 69.2 | 72.2 | 74.6 | 77.0 | 77.1 | 78.2 | 78.8 | 78.8 | 79.4 | 79.5 | 79.6 | 79.8 | 79.8 | 80.1 | 80.5 |
| ≥ 1500 | 36.1 | 70.5 | 73.7 | 76.2 | 78.7 | 78.8 | 79.9 | 80.5 | 80.5 | 81.1 | 81.4 | 81.4 | 81.6 | 81.7 | 81.9 | 82.3 |
| ≥ 1200 | 36.5 | 71.6 | 74.8 | 77.5 | 80.0 | 80.1 | 81.3 | 81.8 | 81.9 | 82.5 | 82.7 | 82.7 | 83.0 | 83.0 | 83.3 | 83.7 |
| ≥ 1000 | 36.5 | 72.4 | 75.7 | 78.6 | 81.3 | 81.4 | 82.7 | 83.3 | 83.3 | 83.9 | 84.1 | 84.2 | 84.4 | 84.4 | 84.7 | 85.1 |
| ≥ 900 | 36.5 | 73.1 | 76.4 | 79.4 | 82.2 | 82.3 | 83.7 | 84.3 | 84.3 | 84.9 | 85.2 | 85.2 | 85.5 | 85.5 | 85.8 | 86.2 |
| ≥ 800 | 36.7 | 73.5 | 77.0 | 80.1 | 83.0 | 83.2 | 84.5 | 85.1 | 85.2 | 85.8 | 86.0 | 86.1 | 86.3 | 86.3 | 86.6 | 87.0 |
| ≥ 700 | 36.8 | 73.8 | 77.4 | 80.6 | 83.6 | 83.7 | 85.3 | 85.9 | 85.9 | 86.5 | 86.8 | 86.8 | 87.0 | 87.1 | 87.4 | 87.8 |
| ≥ 600 | 36.9 | 74.2 | 78.0 | 81.3 | 84.4 | 84.5 | 86.1 | 86.7 | 86.7 | 87.3 | 87.6 | 87.6 | 87.8 | 87.9 | 88.2 | 88.6 |
| ≥ 500 | 37.0 | 74.6 | 78.6 | 82.2 | 85.7 | 85.8 | 87.4 | 88.2 | 88.3 | 88.9 | 89.2 | 89.2 | 89.5 | 89.5 | 89.8 | 90.3 |
| ≥ 400 | 37.0 | 74.7 | 78.9 | 82.8 | 86.4 | 86.6 | 88.3 | 89.2 | 89.3 | 90.0 | 90.4 | 90.4 | 90.7 | 90.8 | 91.1 | 91.6 |
| ≥ 300 | 37.0 | 74.9 | 79.1 | 83.2 | 87.0 | 87.3 | 89.1 | 90.1 | 90.3 | 91.2 | 91.5 | 91.6 | 91.9 | 92.0 | 92.4 | 92.8 |
| ≥ 200 | 37.0 | 74.9 | 79.3 | 83.5 | 87.6 | 87.8 | 89.8 | 91.1 | 91.3 | 92.2 | 92.7 | 92.8 | 93.4 | 93.6 | 94.0 | 94.7 |
| ≥ 100 | 37.0 | 74.9 | 79.3 | 83.6 | 87.7 | 88.0 | 90.0 | 91.3 | 91.5 | 92.6 | 93.1 | 93.3 | 94.1 | 94.3 | 95.3 | 97.1 |
| ≥ 0 | 37.0 | 74.9 | 79.3 | 83.6 | 87.7 | 88.0 | 90.0 | 91.3 | 91.5 | 92.7 | 93.2 | 93.4 | 94.1 | 94.4 | 95.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2683

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| <u>OKTAS</u> | <u>TENTHS</u> |
|-----------------|---------------|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13820

KEESLER AFB MISSISSIPPI/BILUXI

46-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|----------------|---|-----|-----|------|-----|-----|-----|-----|------|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 20.6 | 4.0 | 4.1 | 3.6 | 2.9 | 2.7 | 3.1 | 4.1 | 6.3 | 5.9 | 42.9 | 6.3 | 17522 |
| FEB | | 21.0 | 4.4 | 4.7 | 4.1 | 3.3 | 3.0 | 3.3 | 4.3 | 6.3 | 5.4 | 40.3 | 6.1 | 16013 |
| MAR | | 21.5 | 4.5 | 5.1 | 4.2 | 3.9 | 2.7 | 3.5 | 4.2 | 6.6 | 5.0 | 38.9 | 5.9 | 17580 |
| APR | | 20.9 | 4.5 | 5.5 | 5.7 | 5.2 | 4.5 | 4.5 | 6.2 | 8.6 | 6.0 | 28.6 | 5.6 | 16762 |
| MAY | | 18.9 | 6.3 | 7.2 | 7.6 | 6.9 | 6.4 | 4.8 | 7.4 | 9.3 | 6.3 | 18.8 | 5.0 | 17351 |
| JUN | | 14.1 | 6.4 | 9.2 | 10.5 | 8.7 | 8.1 | 5.0 | 7.5 | 9.0 | 6.7 | 14.8 | 5.0 | 16985 |
| JUL | | 8.1 | 4.4 | 7.7 | 8.7 | 8.7 | 8.0 | 6.1 | 9.6 | 12.7 | 8.9 | 17.3 | 5.8 | 17057 |
| AUG | | 13.5 | 5.8 | 8.6 | 9.9 | 8.5 | 7.6 | 5.4 | 8.3 | 10.0 | 7.7 | 14.9 | 5.1 | 17618 |
| SEP | | 21.8 | 6.4 | 7.9 | 7.5 | 6.1 | 5.6 | 4.3 | 5.9 | 7.6 | 6.5 | 20.4 | 4.9 | 16426 |
| OCT | | 38.6 | 7.8 | 6.7 | 6.2 | 4.4 | 3.7 | 3.3 | 4.1 | 4.8 | 4.1 | 16.4 | 3.6 | 16912 |
| NOV | | 31.2 | 5.5 | 5.6 | 4.9 | 3.5 | 3.4 | 3.4 | 4.7 | 5.9 | 5.7 | 26.3 | 4.8 | 16848 |
| DEC | | 25.0 | 4.8 | 4.1 | 3.7 | 3.1 | 2.7 | 3.1 | 4.3 | 5.9 | 5.8 | 37.8 | 5.8 | 17052 |
| TOTALS | | 21.3 | 5.4 | 6.4 | 6.4 | 5.4 | 4.9 | 4.2 | 5.9 | 7.8 | 6.2 | 26.5 | 5.3 | 204126 |

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

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46-70

JAN

STATION

STATION NAME

PERIOD

MONTH

4

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2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13820 KEESLER AFB MISSISSIPPI/BILOXI

46-70

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 29.8 | 2.9 | 4.5 | 3.9 | 3.1 | 2.3 | 2.9 | 3.1 | 4.2 | 2.0 | 41.3 | 5.5 | 1696 |
| | 03-05 | 28.0 | 2.1 | 4.8 | 3.6 | 2.5 | 2.6 | 3.4 | 3.5 | 4.4 | 2.7 | 42.4 | 5.7 | 1753 |
| | 06-08 | 16.9 | 5.1 | 4.2 | 3.0 | 2.8 | 3.4 | 2.0 | 4.6 | 8.0 | 7.1 | 43.1 | 6.5 | 2116 |
| | 09-11 | 17.2 | 4.9 | 3.6 | 3.7 | 2.7 | 3.1 | 2.8 | 4.0 | 8.3 | 7.9 | 41.3 | 6.5 | 2117 |
| | 12-14 | 15.8 | 4.9 | 4.3 | 3.9 | 3.8 | 3.1 | 4.0 | 5.9 | 8.4 | 8.2 | 37.7 | 6.4 | 2117 |
| | 15-17 | 14.6 | 6.1 | 4.5 | 4.7 | 4.0 | 3.5 | 3.4 | 5.9 | 7.3 | 7.6 | 38.5 | 6.4 | 2118 |
| | 18-20 | 17.9 | 4.7 | 6.8 | 5.8 | 4.1 | 2.8 | 3.9 | 4.1 | 5.9 | 5.0 | 39.0 | 6.0 | 2118 |
| | 21-23 | 27.5 | 4.3 | 4.9 | 3.9 | 3.5 | 2.9 | 4.2 | 2.8 | 4.2 | 2.4 | 39.3 | 5.5 | 1978 |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 21.0 | 4.4 | 4.7 | 4.1 | 3.3 | 3.0 | 3.3 | 4.3 | 6.3 | 5.4 | 40.3 | 6.1 | 16013 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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4

MAR

MONTH

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13820 KEESLER AFB MISSISSIPPI/BILLOXI

46-70

APR

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|------|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 31.8 | 3.3 | 5.6 | 4.9 | 4.6 | 2.8 | 4.3 | 4.4 | 6.0 | 2.9 | 29.5 | 4.9 | 1740 |
| | 03-05 | 28.0 | 4.2 | 4.2 | 5.5 | 5.0 | 4.2 | 3.9 | 5.3 | 7.7 | 3.6 | 28.5 | 5.1 | 1801 |
| | 06-08 | 15.3 | 4.9 | 4.8 | 5.0 | 4.5 | 3.9 | 3.6 | 7.3 | 10.1 | 6.5 | 31.8 | 6.2 | 2249 |
| | 09-11 | 15.8 | 5.0 | 4.4 | 5.8 | 5.7 | 5.5 | 4.3 | 6.1 | 9.3 | 8.2 | 29.9 | 6.0 | 2248 |
| | 12-14 | 14.8 | 5.1 | 5.3 | 6.5 | 5.7 | 5.8 | 5.5 | 6.4 | 10.3 | 6.8 | 27.9 | 5.9 | 2250 |
| | 15-17 | 15.0 | 5.6 | 6.0 | 6.0 | 6.2 | 4.3 | 4.9 | 7.7 | 9.5 | 8.2 | 26.7 | 5.8 | 2246 |
| | 18-20 | 18.5 | 4.4 | 7.2 | 6.3 | 5.3 | 5.2 | 4.7 | 6.1 | 6.4 | 5.8 | 28.3 | 5.6 | 2205 |
| | 21-23 | 27.7 | 3.8 | 6.2 | 5.7 | 4.7 | 4.2 | 4.5 | 6.1 | 7.5 | 3.6 | 25.2 | 4.9 | 2023 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.9 | 4.5 | 5.5 | 5.7 | 5.2 | 4.5 | 4.5 | 6.2 | 8.6 | 6.0 | 28.6 | 5.6 | 16762 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13820 KEESLER AFB MISSISSIPPI/BILOXI

46-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|-------------------|---|-----|-----|------|-----|-----|-----|-----|------|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 34.2 | 5.8 | 6.9 | 6.9 | 6.1 | 6.0 | 4.1 | 5.8 | 7.0 | 3.7 | 13.4 | 3.8 | 1803 |
| | 03-05 | 24.1 | 5.3 | 7.2 | 8.0 | 6.4 | 6.6 | 5.2 | 7.7 | 8.5 | 5.7 | 15.3 | 4.6 | 1969 |
| | 06-08 | 15.1 | 5.2 | 5.9 | 5.4 | 5.9 | 6.1 | 5.2 | 8.4 | 12.3 | 10.0 | 20.4 | 5.7 | 2324 |
| | 09-11 | 13.2 | 5.5 | 6.2 | 8.0 | 8.2 | 7.5 | 5.1 | 9.3 | 10.3 | 6.6 | 20.2 | 5.5 | 2324 |
| | 12-14 | 8.9 | 7.0 | 9.0 | 10.0 | 7.0 | 6.8 | 4.9 | 7.9 | 10.8 | 6.5 | 21.2 | 5.6 | 2325 |
| | 15-17 | 11.7 | 6.8 | 7.9 | 8.7 | 6.9 | 6.6 | 4.5 | 6.7 | 10.6 | 7.8 | 21.9 | 5.6 | 2324 |
| | 18-20 | 16.4 | 7.6 | 7.6 | 6.6 | 6.3 | 6.5 | 4.5 | 7.4 | 8.7 | 6.4 | 21.9 | 5.3 | 2289 |
| | 21-23 | 27.9 | 7.1 | 7.2 | 7.2 | 8.6 | 5.2 | 5.1 | 5.6 | 6.3 | 3.4 | 16.3 | 4.2 | 1993 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 18.9 | 6.3 | 7.2 | 7.6 | 6.9 | 6.4 | 4.8 | 7.4 | 9.3 | 6.3 | 18.8 | 5.0 | 17351 |

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46-70

JUN

STATION

STATION NAME

PERIOD

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13820 KLESLER AFB MISSISSIPPI/BILOXI

46-70

JUL

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------------------|-------------------|---|-----|------|------|------|------|-----|------|------|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 22.9 | 5.9 | 11.9 | 11.5 | 9.7 | 6.3 | 6.0 | 6.9 | 7.2 | 2.6 | 9.2 | 3.9 | 1966 |
| | 03-05 | 14.7 | 6.2 | 9.7 | 11.3 | 9.3 | 8.6 | 5.4 | 9.1 | 10.3 | 5.3 | 10.2 | 4.7 | 1966 |
| | 06-08 | 5.9 | 6.1 | 5.2 | 7.5 | 7.3 | 7.6 | 5.6 | 10.7 | 14.2 | 11.7 | 15.3 | 5.9 | 2260 |
| | 09-11 | 4.2 | 3.4 | 5.7 | 7.6 | 9.4 | 10.8 | 6.7 | 11.6 | 15.8 | 10.0 | 15.6 | 6.2 | 2262 |
| | 12-14 | .9 | 2.1 | 5.0 | 8.5 | 10.7 | 11.3 | 6.4 | 10.4 | 14.1 | 11.8 | 18.7 | 6.5 | 2263 |
| | 15-17 | 1.1 | 2.8 | 5.0 | 6.7 | 7.2 | 6.9 | 6.0 | 10.1 | 14.3 | 14.3 | 25.6 | 7.0 | 2261 |
| | 18-20 | 2.3 | 3.4 | 5.7 | 6.8 | 6.5 | 5.3 | 6.4 | 9.1 | 15.1 | 11.6 | 28.0 | 6.9 | 2263 |
| | 21-23 | 12.8 | 5.4 | 10.1 | 9.4 | 9.5 | 6.8 | 7.0 | 8.6 | 10.8 | 4.1 | 15.5 | 5.1 | 1985 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTAL ^a | | 8.1 | 4.4 | 7.7 | 8.7 | 8.7 | 8.0 | 6.1 | 9.6 | 12.7 | 8.9 | 17.3 | 5.8 | 17057 |

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAL

SKY COVER

13820

KEESLER AFB MISSISSIPPI/BILUXI

46-70

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|--------|----------------|---|-----|------|------|------|-----|-----|------|------|------|------|--------------------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 30.9 | 6.8 | 10.5 | 10.8 | 9.1 | 6.4 | 4.2 | 6.0 | 4.9 | 3.2 | 7.1 | 3.4 | 1893 |
| | 03-05 | 23.6 | 7.5 | 9.9 | 10.7 | 8.5 | 8.0 | 4.7 | 5.7 | 8.1 | 3.8 | 9.5 | 4.0 | 2048 |
| | 06-08 | 10.1 | 7.4 | 7.4 | 9.1 | 8.5 | 8.0 | 4.7 | 8.9 | 12.2 | 9.9 | 13.8 | 5.4 | 2325 |
| | 09-11 | 7.4 | 5.1 | 7.4 | 9.6 | 8.7 | 9.2 | 7.2 | 11.8 | 12.9 | 7.0 | 13.8 | 5.6 | 2325 |
| | 12-14 | 2.2 | 3.5 | 8.2 | 11.4 | 10.4 | 9.0 | 5.8 | 10.7 | 11.7 | 11.7 | 15.4 | 6.0 | 2323 |
| | 15-17 | 3.6 | 3.6 | 8.3 | 9.5 | 7.6 | 7.5 | 5.7 | 7.6 | 11.5 | 12.2 | 22.9 | 6.3 | 2321 |
| | 18-20 | 8.1 | 5.9 | 7.3 | 7.4 | 7.1 | 6.7 | 5.0 | 8.7 | 10.6 | 9.5 | 23.8 | 6.0 | 2319 |
| | 21-23 | 21.7 | 6.3 | 9.7 | 10.6 | 8.3 | 6.2 | 5.9 | 6.8 | 7.7 | 4.1 | 12.8 | 4.3 | 2064 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 13.5 | 5.8 | 8.6 | 9.9 | 8.5 | 7.6 | 5.4 | 8.3 | 10.0 | 7.7 | 14.9 | 5.1 | 17618 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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2

SEP

MONTH

2

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13020

KEESLER AFB MISSISSIPPI/BILOXI

46-67,69-70

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|--------|-------------------|---|------|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 54.7 | 4.7 | 5.8 | 4.4 | 2.9 | 3.2 | 2.8 | 3.3 | 3.5 | 2.1 | 12.7 | 2.7 | 1776 |
| | 03-05 | 49.9 | 5.5 | 4.9 | 4.5 | 4.1 | 2.6 | 3.1 | 3.6 | 3.8 | 2.8 | 15.2 | 3.1 | 1971 |
| | 06-08 | 33.5 | 7.5 | 6.5 | 6.2 | 4.2 | 3.7 | 2.6 | 4.3 | 6.7 | 5.8 | 19.0 | 4.2 | 2231 |
| | 09-11 | 31.3 | 8.3 | 7.4 | 7.1 | 5.1 | 4.2 | 3.6 | 4.5 | 5.3 | 5.2 | 18.0 | 4.1 | 2232 |
| | 12-14 | 23.9 | 9.6 | 8.5 | 7.9 | 6.2 | 5.4 | 3.3 | 6.0 | 5.7 | 6.3 | 17.1 | 4.4 | 2232 |
| | 15-17 | 27.2 | 10.6 | 7.4 | 7.4 | 4.6 | 4.6 | 4.6 | 4.5 | 5.2 | 5.6 | 18.3 | 4.2 | 2232 |
| | 18-20 | 38.1 | 8.8 | 7.4 | 6.6 | 4.0 | 3.9 | 3.6 | 3.5 | 4.5 | 2.6 | 16.9 | 3.5 | 2232 |
| | 21-23 | 49.8 | 7.0 | 5.9 | 5.4 | 3.9 | 2.3 | 3.1 | 2.8 | 3.3 | 2.4 | 14.0 | 2.9 | 2006 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 38.6 | 7.8 | 6.7 | 6.2 | 4.4 | 3.7 | 3.3 | 4.1 | 4.8 | 4.1 | 16.4 | 3.6 | 16912 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

SKY COVER

KEESLER AFB MISSISSIPPI/BILUXI

46-70

NDV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NBV | 00-02 | 41.5 | 3.0 | 4.6 | 4.0 | 2.4 | 2.6 | 3.6 | 3.9 | 3.9 | 4.3 | 26.3 | 4.3 | 1710 |
| | 03-05 | 40.6 | 3.2 | 4.4 | 3.8 | 2.6 | 3.1 | 3.7 | 3.5 | 4.5 | 3.0 | 27.3 | 4.3 | 1834 |
| | 06-08 | 24.4 | 5.4 | 5.7 | 5.9 | 3.3 | 3.5 | 2.9 | 5.7 | 3.1 | 6.6 | 28.4 | 5.3 | 2247 |
| | 09-11 | 25.0 | 6.0 | 5.1 | 5.0 | 4.3 | 4.4 | 3.3 | 5.0 | 7.2 | 7.3 | 27.3 | 5.2 | 2245 |
| | 12-14 | 23.7 | 6.1 | 5.8 | 5.7 | 3.5 | 4.2 | 3.4 | 5.8 | 7.3 | 7.6 | 26.9 | 5.3 | 2247 |
| | 15-17 | 22.0 | 8.1 | 7.2 | 5.1 | 4.6 | 3.7 | 3.2 | 4.9 | 6.8 | 8.8 | 25.7 | 5.2 | 2249 |
| | 18-20 | 32.4 | 7.1 | 6.9 | 5.4 | 4.0 | 2.8 | 3.5 | 4.8 | 4.9 | 4.2 | 24.1 | 4.4 | 2247 |
| | 21-23 | 40.3 | 5.2 | 5.0 | 4.3 | 3.3 | 2.4 | 3.3 | 4.1 | 4.6 | 3.4 | 24.0 | 4.1 | 2069 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 31.2 | 5.5 | 5.6 | 4.9 | 3.5 | 3.4 | 3.4 | 4.7 | 5.9 | 5.7 | 26.3 | 4.8 | 16848 |

2

(

46-70

DEC

STATION

STATION NAME

PERIOD

MONTH

1

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the ~~percentage~~ of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

AIR WEATHER SERVICE/HAC
13820 KEESLER AFB M

42-74

STATION NAME

YEARS

MAXIMUM

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE/MAC

AIR WEATHER SERVICE/MAC

13820 KEESLER AFB MISSISSIPPI/BILOXI

42-74

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

[illegible]

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13820 KESLER AFB MISSISSIPPI/BILOXI

42-74

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN. | FEB | MAR. | APR. | MAY | JUN | JUL. | AUG | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 90 | | | | | | .2 | .5 | .5 | | | | | .1 |
| 85 | | | | | 1.3 | 16.7 | 25.6 | 42.7 | 6.8 | .3 | | | 6.2 |
| 80 | | | | 1.4 | 20.7 | 69.6 | 88.6 | 86.6 | 48.7 | 4.2 | | | 27.0 |
| 75 | | | 1.2 | 20.7 | 66.5 | 96.8 | 99.5 | 99.5 | 65.1 | 26.8 | 1.4 | | 41.9 |
| 70 | 1.3 | 3.3 | 11.9 | 50.5 | 89.4 | 99.9 | 100.0 | 99.9 | 96.7 | 58.7 | 13.7 | 2.1 | 52.6 |
| 65 | 13.0 | 15.7 | 34.4 | 74.9 | 97.3 | 100.0 | | 100.0 | 99.2 | 80.1 | 32.6 | 14.7 | 63.7 |
| 60 | 26.3 | 33.7 | 58.1 | 91.4 | 99.7 | | | | 99.7 | 92.8 | 55.1 | 29.7 | 74.0 |
| 55 | 44.5 | 53.4 | 76.7 | 98.4 | 100.0 | | | | 100.0 | 97.8 | 73.9 | 49.7 | 83.0 |
| 50 | 62.2 | 74.4 | 90.5 | 99.9 | | | | | | 99.7 | 88.6 | 69.6 | 90.5 |
| 45 | 78.7 | 86.2 | 97.1 | 100.0 | | | | | | 100.0 | 97.3 | 85.9 | 95.5 |
| 40 | 91.2 | 95.0 | 99.6 | | | | | | | | 99.5 | 95.6 | 98.4 |
| 35 | 97.0 | 99.0 | 99.9 | | | | | | | | 99.9 | 99.2 | 99.6 |
| 30 | 99.3 | 99.8 | 100.0 | | | | | | | | 100.0 | 99.6 | 99.9 |
| 25 | 99.6 | 100.0 | | | | | | | | | | 99.8 | 99.9 |
| 20 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| 15 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 52.7 | 55.0 | 60.5 | 68.8 | 75.8 | 81.2 | 82.7 | 82.5 | 78.8 | 70.1 | 60.1 | 54.3 | 68.5 |
| S D | 9.595 | 8.894 | 7.829 | 6.314 | 4.764 | 3.449 | 2.929 | 2.877 | 4.430 | 6.550 | 8.103 | 8.806 | 12.971 |
| TOTAL OBS | 987 | 704 | 991 | 940 | 997 | 990 | 1023 | 995 | 959 | 992 | 990 | 1015 | 11783 |

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV | DEC | ALL MONTHS |
|---------------|-------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| 42 | | | | * | 88 | 94 | 96 | 95 | 96 | 88 | 85 | 78 | |
| 43 | 72 | 74 | 79 | 88 | 89 | 94 | 97 | 101 | 93 | 91 | 80 | 78 | 101 |
| 44 | 75 | 76 | 79 | 84 | 89 | 99 | 96 | 92 | 96 | 89 | 81 | 71 | 99 |
| 45 | 72 | 74 | 79 | 91 | 93 | 96 | 95 | 99 | 98 | 88 | 80 | 70 | 98 |
| 46 | 70 | 70 | 90* | 83* | 86 | 90 | 96* | 90 | 94 | 87 | 83 | 81 | 96 |
| 47 | 73 | 76 | 78 | 81 | 86 | 94 | 98 | 104 | 96 | 92 | 78 | 73 | 104 |
| 48 | 70 | 76 | 80 | 93 | 93 | 91 | 96 | 96 | 93 | 88 | 80 | 74 | 96 |
| 49 | 80 | 77 | 83 | 83 | 92 | 97 | 97 | 96 | 92 | 86 | 77 | 76 | 97 |
| 50 | 77 | 76 | 76 | 82 | 88 | 98 | 92 | 96 | 96 | 90 | 81 | 70 | 98 |
| 51 | 72 | 75 | 82 | 86 | 93 | 95 | 98 | 101 | 93 | 88 | 80 | 78 | 101 |
| 52 | 77 | 76 | 79 | 89 | 92 | 99 | 101 | 96 | 90 | 88 | 80 | 70 | 101 |
| 53 | 71 | 72 | 81 | 85 | 97 | 101 | 93 | 98 | 93 | 88 | 77 | 71 | 101 |
| 54 | 74 | 74 | 80 | 85 | 87 | 97 | 97 | 100 | 96 | 90 | 78 | 70 | 100 |
| 55 | 70 | 73 | 81 | 90 | 88 | 91 | 92 | 95 | 95 | 90 | 79 | 79 | 95 |
| 56 | 69 | 75 | 78 | 82 | 90 | 93 | 93 | 99 | 92 | 88 | 83 | 78 | 99 |
| 57 | 77 | 80 | 76 | 84 | 91 | 93 | 99 | 95 | 90 | 82 | 82 | 75 | 99 |
| 58 | 67 | 71 | 74 | 85 | 91 | 92 | 95 | 96 | 94 | 86 | 84 | 75 | 96 |
| 59 | 70 | 78 | 76 | 83 | 92 | 93 | 95 | 95 | 93 | 91 | 83 | 72 | 95 |
| 60 | 73 | 72 | 82 | 87 | 89 | 93 | 97 | 95 | 95 | 90 | 79 | 76 | 97 |
| 61 | 68 | 75 | 74 | 82 | 89 | 92 | 91 | 93 | 94 | 86 | 77 | 76 | 94 |
| 62 | 71 | 78 | 79 | 83 | 96 | 91 | 101 | 101 | 93 | 89 | 75 | 73 | 101 |
| 63 | 66 | 70 | 78 | 84 | 87 | 91 | 94 | 92 | 94 | 86 | 75 | 66 | 94 |
| 64 | 69 | 67 | 73 | 85 | 93 | 94 | 96 | 97 | 97 | 84 | 77 | 77 | 97 |
| 65 | 71 | 70 | 77 | 82 | 88 | 89 | 93 | 90 | # 88 | # 83 | # 79 | # 72 | 93 |
| 66 | # 70 | # 68 | # 75 | # 81 | # 89 | # 97 | # 95 | # 93 | # 92 | # 83 | # 77 | # 73 | # 97 |
| 67 | # 73 | # 72 | # 80 | # 86 | # 88 | # 95 | # 93 | # 92 | # 92 | # 86 | # 77 | # 74 | # 95 |
| 68 | # 69 | # 69 | # 73 | # 82 | # 90 | # 94 | # 95 | # 95 | | | # 81 | # 70 | |
| 69 | ** 75 | # 77 | # 74 | # 85 | # 89 | # 97 | # 97 | # 94 | # 94 | # 90 | # 78 | # 73 | # 97 |
| 70 | ** 69 | # 70 | # 71 | # 85 | # 89 | # 94 | # 95 | # 96 | # 94 | # 89 | # 75 | # 75 | # 96 |
| 71 | ** 77 | # 76 | # 78 | # 84 | # 85 | # 92 | # 94 | # 93 | # 87 | # 86 | # 83 | # 74 | # 94 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) # (AT LEAST ONE DAY < 24 OBS)

2

(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| | | | | | | | | | | | | | |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 72.1 | 73.5 | 78.4 | 84.7 | 90.1 | 94.2 | 95.8 | 95.9 | 93.2 | 87.7 | 79.7 | 73.9 | 97.7 |
| S. D. | 3.369 | 3.370 | 3.757 | 3.021 | 2.926 | 2.949 | 2.411 | 3.295 | 2.587 | 2.348 | 2.663 | 3.253 | 2.638 |
| TOTAL OBS. | 987 | 904 | 992 | 940 | 997 | 990 | 1023 | 995 | 959 | 992 | 990 | 1015 | 11784 |

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OLA)



DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13320 KEESELER AFB MISSISSIPPI/BILUXI 42-74

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN | FEB. | MAR. | APR | MAY | JUN | JUL | AUG. | SEP. | OCT. | NOV | DEC. | ALL MONTHS | |
|---------------|-------|------|------|------|------|------|------|------|------|------|------|-------|------------|--|
| 42 | | | | | * | 54 | 68 | 69 | 66 | 48 | 40 | 37 | 34 | |
| 43 | 23 | 25 | 24 | 45 | 63 | 70 | 72 | 68 | 59 | 41 | 25 | 24 | 23 | |
| 44 | 30 | 30 | 40 | 41 | 50 | 69 | 68 | 66 | 64 | 46 | 37 | 29 | 29 | |
| 45 | 29 | 30 | 44 | 44 | 50 | 66 | 69 | 71 | 60 | 48 | 35 | 22 | 22 | |
| 46 | 26 | 34 | 41* | 58* | 63 | 59 | 68* | 70 | 60 | 48 | 39 | 34 | 28 | |
| 47 | 30 | 24 | 32 | 49 | 57 | 70 | 63 | 72 | 55 | 58 | 41 | 35 | 24 | |
| 48 | 16 | 29 | 32 | 48 | 54 | 65 | 70 | 68 | 59 | 40 | 38 | 31 | 15 | |
| 49 | 30 | 30 | 36 | 45 | 50 | 68 | 73 | 70 | 53 | 44 | 35 | 32 | 30 | |
| 50 | 38 | 38* | 35 | 40 | 62 | 64 | 70 | 70 | 62 | 52 | 26 | 30 | 26 | |
| 51 | 28 | 15 | 35 | 45 | 56 | 68 | 71 | 75 | 62 | 48 | 29 | 24 | 15 | |
| 52 | 32 | 38 | 38 | 45 | 51 | 70 | 71 | 68 | 61 | 39 | 36 | 28 | 28 | |
| 53 | 34 | 37 | 41 | 45 | 60 | 70 | 68 | 69 | 62 | 45 | 40 | 30 | 30 | |
| 54 | 32 | 30 | 33 | 48 | 48 | 60 | 68 | 73 | 63 | 42 | 33 | 31 | 30 | |
| 55 | 30 | 26 | 28 | 51 | 62 | 63 | 71 | 72 | 68 | 45 | 29 | 26 | 26 | |
| 56 | 30 | 38 | 35 | 48 | 58 | 57 | 71 | 64 | 61 | 55 | 31 | 35 | 30 | |
| 57 | 28 | 41 | 37 | 43 | 52 | 71 | 73 | 69 | 59 | 36 | 35 | 25 | 25 | |
| 58 | 26 | 20 | 40 | 45 | 52 | 66 | 72 | 65 | 62 | 50 | 31 | 28 | 20 | |
| 59 | 26 | 32 | 41 | 42 | 60 | 70 | 70 | 72 | 67 | 51 | 29 | 37 | 26 | |
| 60 | 26 | 29 | 29 | 50 | 51 | 66 | 73 | 73 | 65 | 46 | 37 | 26 | 26 | |
| 61 | 26 | 33 | 40 | 42 | 52 | 66 | 71 | 65 | 58 | 43 | 34 | 27 | 26 | |
| 62 | 10 | 34 | 31 | 42 | 58 | 67 | 72 | 69 | 60 | 43 | 42 | 12 | 10 | |
| 63 | 10 | 27 | 38 | 53 | 56 | 66 | 69 | 69 | 55 | 43 | 34 | 19 | 10 | |
| 64 | 23 | 31 | 40 | 47 | 60 | 64 | 74 | 74 | 60 | 41 | 31 | 28 | 23 | |
| 65 | 21 | 26 | 32 | 50 | 56 | 65 | 71 | 69 | # 58 | # 42 | # 39 | # 32 | 21 | |
| 66 | # 14 | # 27 | # 33 | # 47 | # 55 | # 59 | # 74 | # 67 | # 61 | # 47 | # 29 | # 28 | # 14 | |
| 67 | # 31 | # 27 | # 39 | # 51 | # 56 | # 68 | # 60 | # 62 | # 45 | # 45 | # 36 | # 30 | # 27 | |
| 68 | # 26 | # 28 | # 30 | # 47 | # 54 | # 66 | # 71 | # 64 | # 61 | # 50 | # 37 | # 28 | # 25 | |
| 69 | ** 25 | # 33 | # 31 | # 50 | # 54 | # 61 | # 74 | # 69 | # 61 | # 50 | # 33 | ** 40 | ** 25 | |
| 70 | ** 21 | # 24 | # 37 | # 47 | # 50 | # 65 | # 72 | # 70 | # 57 | # 50 | # 27 | ** 34 | ** 21 | |
| 71 | ** 29 | # 24 | # 33 | # 39 | # 51 | # 69 | # 69 | # 66 | # 68 | # 50 | # 38 | ** 44 | # 24 | |
| MEAN | | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | | |

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-74
STATION STATION NAME

[illegible]

NOTES * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY < 24 OBS)

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

ALL

STATION

STATION NAME

YEARS

ALL
MONTH

PAGE 1

ALL

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|----------|----------|--------------------|-----------|--|--------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | | Dew Point | | | | | |
| 104/103 | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | | | | | | |
| 102/101 | | | | | | | | | | | .0 | .0 | .0 | | | | | 5 | 5 | | | | | | | |
| 100/ 99 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | 36 | 36 | | | | | | | |
| 98/ 97 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | 109 | 109 | | | | | | | |
| 96/ 95 | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | 385 | 393 | | | | | | | |
| 94/ 93 | | | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | | 1002 | 1018 | | | | | | | |
| 92/ 91 | .0 | .0 | | .0 | .0 | .1 | .4 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | 2532 | 2588 | 1 | | | | | | |
| 90/ 89 | | .0 | .0 | .0 | .1 | .7 | .8 | .3 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | 5580 | 5722 | 3 | | | | | | |
| 88/ 87 | | .0 | .0 | .1 | .6 | 1.3 | .7 | .3 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | 8469 | 8673 | 2 | | | | | | |
| 86/ 85 | .0 | .0 | .0 | .5 | 1.5 | 1.3 | .6 | .3 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | 12511 | 1497 | 45 | | | | | | |
| 84/ 83 | .0 | .0 | .3 | 1.4 | 1.5 | .9 | .4 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | 12279 | 2565 | 323 | | | | | | |
| 82/ 81 | .0 | .1 | 1.0 | 1.9 | 1.1 | .6 | .3 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | 3791 | 14166 | 1997 | | | | | | |
| 80/ 79 | .0 | .4 | 2.1 | 1.8 | 1.0 | .5 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | 16482 | 16970 | 8993 | | | | | | |
| 78/ 77 | .0 | 1.2 | 2.2 | 1.3 | .8 | .4 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | 16132 | 16692 | 20020 | | | | | | |
| 76/ 75 | .1 | 1.8 | 1.9 | 1.1 | .6 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | | 16047 | 16617 | 24664 | | | | | | |
| 74/ 73 | .1 | 1.5 | 1.5 | .9 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | | 13305 | 13811 | 22021 | | | | | | |
| 72/ 71 | .1 | 1.3 | 1.3 | .7 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | 11540 | 11975 | 18124 | | | | | | |
| 70/ 69 | .2 | 1.5 | 1.2 | .7 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | 12284 | 12754 | 15347 | | | | | | |
| 68/ 67 | .3 | 1.5 | 1.1 | .6 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | 11628 | 12012 | 13720 | | | | | | |
| 66/ 65 | .5 | 1.5 | 1.0 | .6 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | | | 12068 | 12450 | 13319 | | | | | | |
| 64/ 63 | .5 | 1.4 | .8 | .5 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | | | 11009 | 11271 | 12109 | | | | | | |
| 62/ 61 | .5 | 1.3 | .7 | .5 | .4 | .3 | .2 | .1 | .0 | .0 | | | | | | | | 10052 | 10243 | 11429 | | | | | | |
| 60/ 59 | .4 | 1.2 | .7 | .5 | .4 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | 9883 | 10059 | 10626 | | | | | | |
| 58/ 57 | .2 | .9 | .6 | .5 | .4 | .3 | .2 | .1 | .0 | .0 | | | | | | | | 8116 | 8252 | 9314 | | | | | | |
| 56/ 55 | .2 | .8 | .6 | .5 | .4 | .3 | .2 | .1 | .0 | .0 | | | | | | | | 7564 | 7714 | 8720 | | | | | | |
| 54/ 53 | .1 | .7 | .6 | .5 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | 6749 | 6852 | 7901 | | | | | | |
| 52/ 51 | .1 | .6 | .5 | .5 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | 6060 | 6143 | 7658 | | | | | | |
| 50/ 49 | .1 | .6 | .6 | .5 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | 5957 | 6025 | 7583 | | | | | | |
| 48/ 47 | .1 | .5 | .5 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | 5191 | 5252 | 6973 | | | | | | |
| 46/ 45 | .1 | .5 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | | | 4555 | 4643 | 6470 | | | | | | |
| 44/ 43 | .1 | .4 | .5 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | 3942 | 3999 | 5789 | | | | | | |
| 42/ 41 | .1 | .3 | .4 | .3 | .1 | .0 | .0 | | | | | | | | | | | 3267 | 3294 | 5326 | | | | | | |
| 40/ 39 | .1 | .2 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | | | 2581 | 2616 | 4818 | | | | | | |
| 38/ 37 | .0 | .2 | .2 | .2 | .1 | .0 | | | | | | | | | | | | 1841 | 1857 | 3586 | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | > 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 43-74

JAN
MONTH

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET B TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|----------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|---------------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | .0 | .0 | | | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | .0 | | .0 | .0 | | | | | | .0 | | | | | | | 10 | 10 | | |
| 76/ 75 | | .0 | .0 | .2 | .1 | .0 | | .0 | | | | | | | | | | 55 | 55 | 1 | |
| 74/ 73 | | .0 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 93 | 93 | 1 | 1 |
| 72/ 71 | | .2 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | 229 | 229 | 20 | 3 |
| 70/ 69 | .1 | 1.0 | .9 | .4 | .1 | .0 | .0 | .0 | .0 | | | .0 | | | | | | 561 | 565 | 193 | 61 |
| 68/ 67 | .3 | 2.0 | 1.2 | .4 | .2 | .1 | .1 | .0 | .0 | | | | | | | | | 942 | 955 | 551 | 372 |
| 66/ 65 | 1.4 | 2.5 | 1.3 | .6 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | 1414 | 1434 | 1126 | 923 |
| 64/ 63 | 1.3 | 2.8 | 1.1 | .6 | .3 | .2 | .1 | .1 | .1 | .0 | | | | | | | | 1442 | 1459 | 1186 | 1100 |
| 62/ 61 | 1.0 | 2.6 | .9 | .6 | .4 | .2 | .1 | .1 | .0 | .0 | | | | | | | | 1428 | 1449 | 1329 | 1244 |
| 60/ 59 | 1.6 | 2.8 | 1.0 | .6 | .5 | .3 | .2 | .2 | .0 | | | | | | | | | 1542 | 1552 | 1334 | 1252 |
| 58/ 57 | .8 | 2.2 | 1.1 | .8 | .5 | .3 | .2 | .1 | .0 | | | | | | | | | 1319 | 1333 | 1205 | 1039 |
| 56/ 55 | .6 | 2.0 | 1.3 | .9 | .7 | .5 | .2 | .1 | .0 | | | | | | | | | 1397 | 1421 | 1080 | 962 |
| 54/ 53 | .3 | 1.9 | 1.5 | 1.0 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | 1291 | 1299 | 1040 | 895 |
| 52/ 51 | .3 | 1.7 | 1.3 | .8 | .6 | .6 | .2 | .0 | | | | | | | | | | 1221 | 1226 | 1165 | 808 |
| 50/ 49 | .4 | 1.3 | 1.3 | .9 | .9 | .4 | .1 | .0 | | | | | | | | | | 1150 | 1163 | 1226 | 993 |
| 48/ 47 | .2 | 1.2 | 1.3 | 1.1 | .8 | .4 | .1 | | | | | | | | | | | 1133 | 1139 | 1088 | 919 |
| 46/ 45 | .3 | 1.5 | 1.3 | 1.0 | .6 | .3 | .0 | | | | | | | | | | | 1122 | 1145 | 1163 | 939 |
| 44/ 43 | .4 | 1.0 | 1.5 | .9 | .6 | .2 | .0 | .0 | | | | | | | | | | 1121 | 1143 | 1198 | 927 |
| 42/ 41 | .4 | 1.3 | 1.4 | .7 | .5 | .1 | .0 | | | | | | | | | | | 966 | 979 | 1336 | 964 |
| 40/ 39 | .3 | 1.0 | 1.2 | .8 | .5 | .1 | .0 | | | | | | | | | | | 846 | 853 | 1212 | 986 |
| 38/ 37 | .2 | 1.0 | .8 | .6 | .2 | .0 | | | | | | | | | | | | 625 | 633 | 964 | 871 |
| 36/ 35 | .2 | 1.0 | .7 | .5 | .1 | .0 | | | | | | | | | | | | 558 | 560 | 884 | 959 |
| 34/ 33 | .2 | .8 | .6 | .4 | .1 | | | | | | | | | | | | | 433 | 433 | 732 | 941 |
| 32/ 31 | .1 | .5 | .5 | .3 | .0 | | | | | | | | | | | | | 301 | 306 | 556 | 843 |
| 30/ 29 | .0 | .2 | .5 | .2 | | | | | | | | | | | | | | 212 | 214 | 375 | 701 |
| 28/ 27 | | .1 | .2 | .1 | | | | | | | | | | | | | | 96 | 96 | 260 | 491 |
| 26/ 25 | | .1 | .2 | .1 | | | | | | | | | | | | | | 69 | 69 | 200 | 527 |
| 24/ 23 | | .1 | .1 | .0 | | | | | | | | | | | | | | 50 | 50 | 109 | 429 |
| 22/ 21 | | .0 | .1 | | | | | | | | | | | | | | | 29 | 29 | 69 | 334 |
| 20/ 19 | | .1 | .0 | | | | | | | | | | | | | | | 21 | 21 | 42 | 284 |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 16 | 16 | 34 | 240 |
| 16/ 15 | | .1 | .0 | | | | | | | | | | | | | | | 15 | 15 | 16 | 199 |
| 14/ 13 | | .0 | .0 | | | | | | | | | | | | | | | 9 | 9 | 13 | 133 |
| Element (X) | Σx² | | Σx | | x̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILOXI 43-74

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | .0 | .0 | .0 | | | | | | | | | | | | 6 | 6 | | |
| 78/ 77 | | | | .1 | .0 | .0 | .0 | .0 | | .0 | .0 | | | | | | | 22 | 22 | | |
| 76/ 75 | | | .1 | .2 | .0 | .0 | .0 | | .0 | .0 | .0 | .0 | | | | | | 81 | 81 | | |
| 74/ 73 | | | .4 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | 186 | 186 | 5 | |
| 72/ 71 | .0 | .4 | .7 | .4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | 396 | 396 | 48 | 3 |
| 70/ 69 | .1 | 1.4 | 1.1 | .5 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | | | | | | | 786 | 786 | 319 | 150 |
| 68/ 67 | .4 | 1.8 | 1.4 | .7 | .4 | .1 | .1 | .1 | .1 | .0 | | | | | | | | 1052 | 1058 | 667 | 540 |
| 66/ 65 | .7 | 2.5 | 1.3 | .9 | .4 | .3 | .2 | .1 | .1 | .0 | | | | | | | | 1362 | 1370 | 988 | 775 |
| 64/ 63 | 1.1 | 3.0 | 1.4 | .7 | .5 | .4 | .2 | .2 | .2 | .0 | .0 | | | | | | | 1547 | 1555 | 1121 | 959 |
| 62/ 61 | 1.3 | 2.8 | 1.1 | .7 | .6 | .6 | .3 | .2 | .1 | .0 | | | | | | | | 1583 | 1585 | 1374 | 1159 |
| 60/ 59 | 1.1 | 2.6 | 1.3 | .9 | 1.0 | .6 | .5 | .3 | .1 | .0 | | | | | | | | 1649 | 1652 | 1350 | 1250 |
| 58/ 57 | .7 | 2.1 | 1.2 | .9 | .7 | .6 | .4 | .2 | .0 | .0 | | | | | | | | 1371 | 1373 | 1157 | 1092 |
| 56/ 55 | .6 | 1.7 | 1.2 | 1.1 | .9 | .6 | .4 | .2 | .0 | .0 | | | | | | | | 1365 | 1369 | 1173 | 1000 |
| 54/ 53 | .4 | 1.8 | 1.3 | 1.0 | .9 | .6 | .4 | .1 | .0 | | | | | | | | | 1298 | 1299 | 1137 | 855 |
| 52/ 51 | .5 | 1.2 | 1.1 | 1.0 | .9 | .6 | .3 | .1 | .0 | | | | | | | | | 1098 | 1100 | 1274 | 890 |
| 50/ 49 | .3 | 1.3 | 1.2 | 1.1 | .9 | .5 | .3 | .0 | .0 | | | | | | | | | 1120 | 1122 | 1157 | 876 |
| 48/ 47 | .3 | 1.3 | 1.3 | .9 | .8 | .5 | .2 | .0 | | | | | | | | | | 1032 | 1034 | 1279 | 856 |
| 46/ 45 | .3 | 1.1 | 1.0 | .8 | .6 | .3 | .1 | | | | | | | | | | | 861 | 864 | 1237 | 966 |
| 44/ 43 | .2 | .8 | 1.1 | .8 | .5 | .2 | .0 | | | | | | | | | | | 726 | 730 | 1082 | 923 |
| 42/ 41 | .1 | .6 | 1.0 | .5 | .4 | .1 | | | | | | | | | | | | 568 | 568 | 926 | 843 |
| 40/ 39 | .1 | .6 | .9 | .7 | .4 | .1 | | | | | | | | | | | | 541 | 541 | 861 | 827 |
| 38/ 37 | .1 | .5 | .5 | .6 | .2 | .0 | | | | | | | | | | | | 386 | 386 | 778 | 776 |
| 36/ 35 | .0 | .3 | .6 | .5 | .1 | .0 | | | | | | | | | | | | 297 | 297 | 574 | 845 |
| 34/ 33 | .1 | .3 | .5 | .4 | .0 | | | | | | | | | | | | | 267 | 267 | 430 | 734 |
| 32/ 31 | .0 | .3 | .5 | .2 | .0 | | | | | | | | | | | | | 187 | 187 | 397 | 649 |
| 30/ 29 | .0 | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 113 | 113 | 292 | 551 |
| 28/ 27 | .0 | .1 | .1 | .1 | | | | | | | | | | | | | | 59 | 59 | 203 | 461 |
| 26/ 25 | | .0 | .1 | .0 | | | | | | | | | | | | | | 19 | 19 | 88 | 398 |
| 24/ 23 | | .0 | .0 | | | | | | | | | | | | | | | 12 | 12 | 41 | 432 |
| 22/ 21 | | .0 | .0 | | | | | | | | | | | | | | | 7 | 7 | 30 | 348 |
| 20/ 19 | | .0 | | | | | | | | | | | | | | | | 5 | 5 | 9 | 245 |
| 18/ 17 | | .0 | .0 | | | | | | | | | | | | | | | 13 | 13 | 7 | 223 |
| 16/ 15 | .0 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 14 | 127 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 97 |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

ALL
HOURS (L. S. T.)

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILUXI

43-74

MAR

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp. (F) | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | .0 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Temp. (F.) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 94/ 93 | | | | | | | | | | | .0 | | | | | | | 2 | 2 | | | | | |
| 92/ 91 | | | | | | | | | | .0 | | .0 | | | | | | 3 | 3 | | | | | |
| 90/ 89 | | | | | | | | | | .0 | | .0 | .0 | .0 | | | | 7 | 7 | | | | | |
| 88/ 87 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | 16 | 16 | | | | | |
| 86/ 85 | | | | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | | | 57 | 57 | | | | | |
| 84/ 83 | | | | .1 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | 163 | 163 | | | | | |
| 82/ 81 | | | .1 | .4 | .7 | .5 | .2 | .0 | .1 | . | | .0 | .0 | .0 | | | | 419 | 423 | | | | | |
| 80/ 79 | | | .4 | 1.5 | 1.3 | .8 | .3 | .1 | .1 | .1 | | .0 | .0 | .0 | | | | 957 | 983 | | | | | |
| 78/ 77 | | .2 | 1.6 | 1.9 | 1.9 | .6 | .4 | .2 | .2 | .1 | .1 | .0 | | .0 | | | | 1477 | 1538 | 62 | 1 | | | |
| 76/ 75 | .0 | .8 | 3.0 | 2.3 | 1.7 | .7 | .5 | .2 | .2 | .1 | .1 | .0 | | .0 | | | | 1960 | 2032 | 321 | 79 | | | |
| 74/ 73 | .1 | 1.7 | 3.3 | 2.4 | 1.3 | .8 | .5 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | 2178 | 2289 | 1264 | 420 | | | |
| 72/ 71 | .1 | 2.9 | 2.8 | 1.7 | 1.0 | .8 | .7 | .4 | .2 | .2 | .1 | .0 | | | | | | 2200 | 2291 | 1991 | 1261 | | | |
| 70/ 69 | .4 | 2.9 | 3.1 | 1.5 | 1.1 | .8 | .7 | .4 | .3 | .1 | .0 | | | | | | | 2289 | 2418 | 2447 | 2000 | | | |
| 68/ 67 | .4 | 2.9 | 2.3 | 1.1 | .8 | .7 | .6 | .3 | .3 | .1 | .0 | | | | | | | 1900 | 1971 | 2223 | 2156 | | | |
| 66/ 65 | .6 | 2.4 | 1.5 | 1.0 | .8 | .7 | .5 | .3 | .3 | .1 | .0 | | | | | | | 1629 | 1680 | 2194 | 2164 | | | |
| 64/ 63 | .3 | 1.5 | .9 | .8 | .7 | .6 | .3 | .3 | .1 | .0 | | | | | | | | 1116 | 1171 | 1685 | 1834 | | | |
| 62/ 61 | .2 | 1.0 | .7 | .7 | .7 | .4 | .3 | .2 | .0 | .0 | | | | | | | | 852 | 871 | 1366 | 1402 | | | |
| 60/ 59 | .2 | .8 | .8 | .7 | .4 | .5 | .3 | .1 | .0 | .0 | | | | | | | | 764 | 783 | 1186 | 1122 | | | |
| 58/ 57 | .1 | .6 | .7 | .6 | .4 | .4 | .2 | .0 | .0 | | | | | | | | | 585 | 593 | 1086 | 937 | | | |
| 56/ 55 | .1 | .5 | .4 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | | 448 | 457 | 1007 | 871 | | | |
| 54/ 53 | .0 | .3 | .4 | .4 | .3 | .2 | .0 | .0 | | | | | | | | | | 332 | 339 | 823 | 807 | | | |
| 52/ 51 | .0 | .2 | .3 | .5 | .3 | .1 | .0 | | | | | | | | | | | 279 | 280 | 602 | 753 | | | |
| 50/ 49 | .0 | .1 | .3 | .4 | .1 | .1 | | | | | | | | | | | | 209 | 213 | 633 | 668 | | | |
| 48/ 47 | | .1 | .3 | .3 | .1 | .0 | | | | | | | | | | | | 152 | 152 | 431 | 657 | | | |
| 46/ 45 | | .0 | .2 | .1 | .0 | | | | | | | | | | | | | 68 | 68 | 356 | 554 | | | |
| 44/ 43 | | .0 | .1 | .0 | .0 | | | | | | | | | | | | | 31 | 31 | 237 | 440 | | | |
| 42/ 41 | | .0 | .0 | .0 | | | | | | | | | | | | | | 19 | 20 | 114 | 443 | | | |
| 40/ 39 | | .0 | .0 | | | | | | | | | | | | | | | 7 | 7 | 55 | 398 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 26 | 359 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 10 | 294 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 189 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 115 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 91 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 57 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Ref. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

APR

MONTH

ALL

[illegible]

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

42-74

11AY

STATION NAME

YEARS

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MONTH

A: 1

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONYH

ALL

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILDXI

42-74

JUN

STATION

STATION NAME

YEARS

PAGE 1

MONTH

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------------|------|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|----------|--------------------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | | Dew Point | | |
| 100/ 99 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | 11 | 11 | | | | |
| 98/ 97 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | 24 | 24 | | | | |
| 96/ 95 | | | | | | | | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | | 79 | 79 | | | | |
| 94/ 93 | | | | | .0 | .0 | .1 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | 178 | 178 | | | | |
| 92/ 91 | | | | | .0 | .3 | .8 | .5 | .4 | .1 | .1 | .0 | .0 | | | | | 486 | 486 | | | | |
| 90/ 89 | | | | .0 | .3 | 1.4 | 2.0 | 1.0 | .4 | .2 | .1 | .0 | .0 | | | | | 1185 | 1186 | | | | |
| 88/ 87 | | | .0 | .3 | 1.3 | 3.4 | 2.5 | .9 | .4 | .2 | .1 | .0 | .0 | | | | | 1967 | 1967 | | | | |
| 86/ 85 | | | .1 | 1.1 | 4.0 | 4.3 | 1.9 | .9 | .4 | .1 | .1 | .0 | | | | | | 2778 | 2782 | | 3 | | |
| 84/ 83 | | .0 | .7 | 3.4 | 4.6 | 2.5 | 1.1 | .6 | .2 | .1 | .0 | .0 | | | | | | 2900 | 2904 | 53 | 3 | | |
| 82/ 81 | .0 | .1 | 2.1 | 5.2 | 3.0 | 1.3 | .7 | .3 | .2 | .1 | .0 | | | | | | | 2849 | 2850 | 342 | 31 | | |
| 80/ 79 | .0 | .6 | 4.1 | 3.9 | 1.8 | .8 | .5 | .2 | .1 | .0 | .0 | .0 | | | | | | 2646 | 2647 | 1730 | 156 | | |
| 78/ 77 | .0 | 2.0 | 4.1 | 2.1 | 1.0 | .4 | .2 | .1 | .0 | .0 | .0 | | | | | | | 2188 | 2188 | 4243 | 1078 | | |
| 76/ 75 | .1 | 2.8 | 3.1 | 1.2 | .5 | .3 | .2 | .0 | .0 | .0 | .0 | | | | | | | 1771 | 1772 | 5402 | 3299 | | |
| 74/ 73 | .2 | 2.7 | 1.7 | .8 | .3 | .2 | .0 | .0 | .0 | .0 | | | | | | | | 1263 | 1263 | 3927 | 5264 | | |
| 72/ 71 | .2 | 1.4 | 1.0 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | | 710 | 710 | 2723 | 4369 | | |
| 70/ 69 | .1 | .6 | .5 | .3 | .2 | .1 | .0 | | .0 | | | | | | | | | 394 | 395 | 1452 | 2748 | | |
| 68/ 67 | | .2 | .2 | .2 | .1 | .0 | | .0 | | | | | | | | | | 160 | 161 | 849 | 1608 | | |
| 66/ 65 | | .0 | .2 | .2 | .1 | | | | | | | | | | | | | 85 | 85 | 457 | 1062 | | |
| 64/ 63 | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | 21 | 21 | 237 | 664 | | |
| 62/ 61 | | | .0 | .0 | .0 | .0 | | | | | | | | | | | | 16 | 16 | 159 | 438 | | |
| 60/ 59 | | | .0 | .0 | | .0 | | | | | | | | | | | | 9 | 9 | 84 | 349 | | |
| 58/ 57 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 37 | 210 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 13 | 152 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 87 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 37 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 34 | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 14 | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 7 | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | .7 | 10.4 | 17.8 | 19.2 | 17.4 | 15.2 | 10.1 | 5.0 | 2.4 | 1.0 | .6 | .2 | .1 | .0 | | | | 21721 | 21735 | | 21720 | | |
| | | | | | | | | | | | | | | | | | | 21721 | 21721 | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | |
| Rel. Hum. | 117655899 | | 1573267 | | 72.4 | | 13.039 | | 21719 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | 720 | | | | |
| Dry Bulb | 144433097 | | 1767579 | | 81.3 | | 5.620 | | 21735 | | | | 715.6 | 673.7 | 464.9 | 9.7 | | | 720 | | | | |
| Wet Bulb | 119888758 | | 1611434 | | 74.2 | | 3.956 | | 21721 | | | | 687.0 | 520.4 | 34.7 | | | | 720 | | | | |
| Dew Point | 110273616 | | 1544074 | | 71.1 | | 4.824 | | 21720 | | .0 | .0 | 618.4 | 329.2 | 3.3 | | | | 720 | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13920 KESLER AFB MISSISSIPPI/BILOXI 42-74

'UL

STATION

STATION NAME

YEARS

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MONTH

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|---------|------|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 9-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 102/101 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | |
| 100/ 99 | | | | | | | | | | | | .0 | .0 | | | | | 5 | 5 | | | | |
| 98/ 97 | | | | | | | | | .0 | .0 | .1 | .1 | .0 | | .0 | | | 48 | 48 | | | | |
| 96/ 95 | | | | | | | .0 | .1 | .2 | .2 | .0 | .0 | .0 | | .0 | | | 138 | 138 | | | | |
| 94/ 93 | | | .0 | | .0 | .1 | .4 | .5 | .4 | .1 | .0 | .0 | | | | | | 352 | 352 | | | | |
| 92/ 91 | | .0 | | .0 | .1 | .6 | 1.5 | .9 | .4 | .2 | .0 | .0 | .0 | | | | | 862 | 863 | | | | |
| 90/ 89 | | | .0 | .1 | .6 | 2.7 | 2.8 | 1.0 | .3 | .1 | .1 | .0 | | | | | | 1755 | 1759 | 3 | 2 | | |
| 88/ 87 | | .0 | .0 | .3 | 2.6 | 4.8 | 2.2 | .6 | .1 | .1 | .0 | | .0 | | | | | 2442 | 2447 | | 1 | | |
| 86/ 85 | .0 | .0 | .2 | 1.8 | 5.5 | 3.5 | 1.0 | .2 | .1 | .0 | .0 | | | | | | | 2809 | 2816 | 24 | 2 | | |
| 84/ 83 | | .0 | .9 | 4.7 | 4.5 | 1.4 | .3 | .1 | .0 | .0 | | | | | | | | 2698 | 2706 | 99 | 27 | | |
| 82/ 81 | .0 | .4 | 3.4 | 5.9 | 1.8 | .4 | .1 | .1 | .0 | .0 | | | | | | | | 2790 | 2792 | 730 | 66 | | |
| 80/ 79 | .0 | 1.5 | 6.8 | 3.8 | .9 | .2 | .1 | .0 | .0 | | | | | | | | | 3059 | 3063 | 3193 | 454 | | |
| 78/ 77 | .1 | 3.5 | 5.6 | 1.5 | .3 | .1 | .1 | .0 | | | | | | | | | | 2545 | 2550 | 6309 | 2212 | | |
| 76/ 75 | .2 | 4.6 | 2.9 | .6 | .2 | .1 | .0 | .0 | | | | | | | | | | 2006 | 2019 | 6189 | 5773 | | |
| 74/ 73 | .3 | 2.5 | 1.1 | .2 | .1 | .1 | .0 | | | | | | | | | | | 987 | 988 | 3704 | 6955 | | |
| 72/ 71 | .1 | .7 | .3 | .1 | .1 | .0 | | | | | | | | | | | | 291 | 291 | 1691 | 4079 | | |
| 70/ 69 | .0 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 71 | 71 | 602 | 1882 | | |
| 68/ 67 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | | 15 | 15 | 171 | 705 | | |
| 66/ 65 | | | .0 | | .0 | | | | | | | | | | | | | 4 | 4 | 97 | 292 | | |
| 64/ 63 | | | .0 | .0 | .0 | | | | | | | | | | | | | 5 | 5 | 44 | 153 | | |
| 62/ 61 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 17 | 123 | | |
| 60/ 59 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 77 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 5 | 47 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 25 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | .8 | 13.4 | 21.3 | 19.2 | 16.6 | 13.9 | 8.5 | 3.5 | 1.5 | .8 | .3 | .1 | .0 | .0 | | | | | 22936 | | 22885 | | |
| | | | | | | | | | | | | | | | | | | 22886 | | 22886 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | Σ X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | 132867331 | | 1721129 | | 75.2 | | 12.205 | | 22882 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | |
| Dry Bulb | 156441617 | | 1890317 | | 82.4 | | 5.313 | | 22936 | | | | 745.6 | 731.4 | 508.4 | 17.6 | 744 | | | | | | |
| Wet Bulb | 132165063 | | 1737855 | | 75.9 | | 2.960 | | 22886 | | | | 738.4 | 658.3 | 69.2 | | 744 | | | | | | |
| Dew Point | 123325554 | | 1678348 | | 73.3 | | 3.227 | | 22885 | | | | 720.4 | 503.7 | 7.1 | | 744 | | | | | | |

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILOXI

42-74

AUG

STATION

STATION NAME

YEARS

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ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|---------|------|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 104/103 | | | | | | | | | | | .0 | .0 | .0 | .0 | | | | | 1 | 1 | | | | |
| 102/101 | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | 4 | 4 | | | | | |
| 100/ 99 | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | 20 | 20 | | | | | |
| 98/ 97 | | | | | | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | | | 33 | 33 | | | | | |
| 96/ 95 | | | | | | .0 | .0 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | | | | 135 | 142 | | | | | |
| 94/ 93 | | | | | .0 | .1 | .4 | .6 | .3 | .2 | .1 | .0 | .0 | | | | | 370 | 382 | | | | | |
| 92/ 91 | .0 | | | .0 | .1 | .6 | 1.5 | .9 | .4 | .2 | .1 | .1 | | | | | | 830 | 874 | 1 | | | | |
| 90/ 89 | | .0 | .0 | .1 | .4 | 2.5 | 2.6 | 1.2 | .5 | .2 | .1 | .0 | | | | | | 1695 | 1808 | | | | | |
| 88/ 87 | | | .0 | .2 | 2.1 | 4.2 | 2.3 | .8 | .3 | .1 | .0 | .0 | | | | | | 2218 | 2342 | 1 | | | | |
| 86/ 85 | | .0 | .2 | 1.3 | 4.4 | 3.5 | 1.2 | .6 | .1 | .1 | .0 | | | .0 | | | | 2488 | 2620 | 14 | | | | |
| 84/ 83 | .0 | .0 | .7 | 4.1 | 3.6 | 1.6 | .5 | .2 | .1 | .1 | .0 | | | | | | | 2383 | 2502 | 112 | | | | |
| 82/ 81 | .0 | .3 | 2.8 | 4.6 | 1.8 | .7 | .3 | .1 | .0 | .0 | | | | | | | | 2342 | 2446 | 647 | | | | |
| 80/ 79 | .0 | 1.4 | 6.4 | 3.2 | 1.0 | .4 | .1 | .1 | .0 | | .0 | | | | | | | 2786 | 2930 | 2615 | | | | |
| 78/ 77 | .1 | 3.9 | 5.7 | 1.6 | .6 | .2 | .1 | .0 | | | | | | | | | | 2660 | 2780 | 5299 | | | | |
| 76/ 75 | .3 | 5.3 | 3.7 | 1.0 | .4 | .1 | .0 | | | .0 | | | | | | | | 2370 | 2474 | 5655 | | | | |
| 74/ 73 | .2 | 2.3 | 1.7 | .5 | .2 | .1 | .0 | | | | | | | | | | | 1093 | 1180 | 4005 | | | | |
| 72/ 71 | .1 | .6 | .6 | .2 | .1 | .0 | | | | | | | | | | | | 366 | 412 | 2039 | | | | |
| 70/ 69 | .0 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 122 | 133 | 923 | | | | |
| 68/ 67 | | .1 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 48 | 50 | 364 | | | | |
| 66/ 65 | | .0 | .0 | .0 | | | | | | | | | | | | | | 12 | 15 | 167 | | | | |
| 64/ 63 | | | .0 | .0 | | | | | | | | | | | | | | 6 | 8 | 84 | | | | |
| 62/ 61 | | | .0 | | | | | | | | | | | | | | | 2 | 2 | 45 | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .7 | 14.0 | 22.0 | 17.0 | 14.9 | 14.0 | 9.1 | 4.6 | 1.9 | .9 | .3 | .2 | .1 | .0 | .0 | | | 21984 | 23158 | 21987 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx' | | Σx | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | | |
| Rel. Hum. | 125978263 | | 1639349 | | 74.6 | | 13.039 | | 21985 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | | |
| Dry Bulb | 156599822 | | 1899928 | | 82.0 | | 5.599 | | 23158 | | | | | | 743.2 | | 724.1 | | 475.0 | | 18.7 | | | |
| Wet Bulb | 125225421 | | 1657677 | | 75.4 | | 3.276 | | 21985 | | | | | | 733.5 | | 621.0 | | 61.8 | | | | | |
| Dew Point | 116424956 | | 1597822 | | 72.7 | | 3.751 | | 21987 | | | | | | 694.0 | | 432.0 | | 6.7 | | | | | |

FORM 0-26-5 (OL A) JUL 64

USAFETAC

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILUXI

42-74

SEP

STATION

STATION NAME

YEARS

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ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|--------------------|----------|-----------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | | Wet Bulb | Dew Point | |
| 98/ 97 | | | | | | | | | | .0 | | .0 | | | | | | 3 | 3 | | | |
| 96/ 95 | | | | | | | .0 | | .0 | .0 | .0 | .0 | | | | | | 16 | 17 | | | |
| 94/ 93 | | | | .0 | | .0 | .0 | .1 | .1 | .1 | .1 | .0 | | | | | | 79 | 83 | | | |
| 92/ 91 | | | | | .1 | .2 | .5 | .3 | .3 | .1 | .0 | .0 | .0 | .0 | | | | 304 | 311 | | | |
| 90/ 89 | | | | .0 | .3 | .9 | 1.0 | .6 | .4 | .1 | .0 | .0 | .0 | .0 | | | | 708 | 727 | | | |
| 88/ 87 | | | .0 | .2 | 1.1 | 2.1 | 1.2 | .6 | .3 | .2 | .1 | .0 | .0 | .0 | | | | 1196 | 1238 | 1 | | |
| 86/ 85 | | .0 | .1 | .8 | 2.6 | 2.3 | 1.2 | .6 | .3 | .1 | .1 | .0 | .0 | | | | | 1697 | 1770 | 3 | 1 | |
| 84/ 83 | | .1 | .6 | 2.8 | 2.5 | 1.7 | .9 | .4 | .3 | .2 | .1 | .0 | .0 | | | | | 1966 | 2059 | 52 | 10 | |
| 82/ 81 | | .2 | 2.4 | 3.6 | 2.2 | 1.0 | .5 | .3 | .2 | .1 | .1 | .0 | | | | | | 2186 | 2315 | 247 | 69 | |
| 80/ 79 | .0 | 1.1 | 4.0 | 3.1 | 1.4 | .8 | .3 | .2 | .2 | .1 | .0 | .0 | | | | | | 2342 | 2447 | 1190 | 160 | |
| 78/ 77 | .1 | 2.7 | 4.0 | 2.1 | .9 | .5 | .3 | .2 | .1 | .0 | .0 | | | | | | | 2263 | 2382 | 2972 | 1017 | |
| 76/ 75 | .4 | 4.5 | 3.5 | 1.5 | .6 | .5 | .2 | .1 | .1 | .0 | | | | | | | | 2339 | 2500 | 3840 | 2937 | |
| 74/ 73 | .5 | 4.2 | 2.5 | .9 | .5 | .3 | .2 | .1 | .0 | | | | | | | | | 1922 | 2031 | 3628 | 3737 | |
| 72/ 71 | .6 | 2.4 | 1.8 | .8 | .5 | .3 | .2 | .0 | .0 | | | | | | | | | 1374 | 1443 | 2853 | 3528 | |
| 70/ 69 | .2 | 1.4 | 1.1 | .8 | .3 | .3 | .1 | .0 | .0 | | | | | | | | | 878 | 935 | 1800 | 2569 | |
| 68/ 67 | .1 | .5 | .7 | .5 | .4 | .1 | .0 | .0 | .0 | | | | | | | | | 493 | 515 | 1217 | 1790 | |
| 66/ 65 | .0 | .4 | .4 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | 370 | 382 | 853 | 1156 | |
| 64/ 63 | | .2 | .3 | .4 | .2 | .0 | .0 | | | | | | | | | | | 231 | 238 | 629 | 757 | |
| 62/ 61 | .0 | .2 | .1 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | 151 | 158 | 492 | 687 | |
| 60/ 59 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | | | 82 | 95 | 385 | 588 | |
| 58/ 57 | | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | | | | | | 33 | 37 | 208 | 444 | |
| 56/ 55 | | .0 | .0 | .1 | .0 | | | | | | | | | | | | | 17 | 19 | 135 | 359 | |
| 54/ 53 | | | .0 | .0 | .0 | | | | | | | | | | | | | 11 | 11 | 78 | 283 | |
| 52/ 51 | | | .0 | .0 | .0 | | | | | | | | | | | | | 6 | 6 | 37 | 217 | |
| 50/ 49 | | | .0 | | | | | | | | | | | | | | | 2 | 2 | 18 | 161 | |
| 48/ 47 | | | | .0 | | | | | | | | | | | | | | 3 | 3 | 15 | 83 | |
| 46/ 45 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 5 | 52 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 19 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | 22 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 10 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 9 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 7 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 | |
| Element (X) | Σ x' | | | Σ x | | | x̄ | | | s _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 72 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

SEP

STATION

STATION NAME

YEARS

PAGE 2

MONTH

ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-67,69-74
YEARS

OCT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|--------------------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | |
| 92/ 91 | | | | | | | .0 | | | | | | | | | | | 1 | 5 | | |
| 90/ 89 | | | | | | .1 | .1 | .0 | .0 | .0 | | | .0 | .0 | | | | 45 | 50 | | |
| 88/ 87 | | | | | .1 | .2 | .1 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | | | | 125 | 138 | | |
| 86/ 85 | | | | .1 | .3 | .4 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | | | | 371 | 391 | | |
| 84/ 83 | | | .0 | .4 | .6 | .6 | .3 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | 598 | 633 | | |
| 82/ 81 | | .0 | .3 | 1.0 | 1.0 | .7 | .6 | .4 | .2 | .2 | .1 | .1 | .0 | | | | | 983 | 1050 | 4 | |
| 80/ 79 | | .2 | 1.1 | 1.3 | 1.5 | 1.1 | .6 | .4 | .4 | .3 | .1 | .1 | .0 | | | | | 1487 | 1603 | 96 | |
| 78/ 77 | .0 | .6 | 1.3 | 1.4 | 1.3 | 1.0 | .7 | .5 | .3 | .2 | .1 | .0 | .0 | .0 | | | | 1579 | 1693 | 413 | |
| 76/ 75 | .1 | 1.6 | 1.7 | 1.6 | 1.1 | .8 | .6 | .5 | .2 | .2 | .1 | .0 | .0 | | | | | 1802 | 1915 | 918 | |
| 74/ 73 | .3 | 1.9 | 2.4 | 1.4 | .9 | .5 | .4 | .4 | .2 | .2 | .1 | .0 | .0 | | | | | 1824 | 1923 | 1520 | |
| 72/ 71 | .4 | 1.8 | 1.9 | 1.4 | .8 | .6 | .4 | .3 | .2 | .1 | .0 | .0 | | | | | | 1702 | 1829 | 1809 | |
| 70/ 69 | .3 | 2.0 | 2.1 | 1.2 | .8 | .6 | .3 | .3 | .2 | .1 | .0 | | | | | | | 1652 | 1785 | 2068 | |
| 68/ 67 | .3 | 2.1 | 1.9 | 1.0 | .8 | .5 | .4 | .3 | .2 | .0 | .0 | | | | | | | 1632 | 1771 | 1905 | |
| 66/ 65 | .2 | 2.0 | 1.8 | 1.0 | .7 | .4 | .4 | .3 | .1 | .0 | | | | | | | | 1475 | 1593 | 1881 | |
| 64/ 63 | .3 | 1.7 | 1.3 | 1.0 | .6 | .5 | .4 | .2 | .1 | .0 | | | | | | | | 1266 | 1316 | 1713 | |
| 62/ 61 | .3 | 1.4 | 1.2 | .8 | .7 | .4 | .2 | .1 | .0 | | | | | | | | | 1077 | 1120 | 1638 | |
| 60/ 59 | .2 | 1.2 | 1.0 | .9 | .6 | .4 | .1 | .0 | .0 | | | | | | | | | 946 | 969 | 1393 | |
| 58/ 57 | .1 | .8 | .9 | .9 | .5 | .2 | .1 | .0 | | | | | | | | | | 726 | 745 | 1155 | |
| 56/ 55 | .0 | .5 | .8 | .6 | .5 | .2 | .1 | .0 | | | | | | | | | | 573 | 586 | 1054 | |
| 54/ 53 | .0 | .4 | .5 | .6 | .3 | .1 | .0 | | | | | | | | | | | 414 | 422 | 987 | |
| 52/ 51 | .0 | .3 | .5 | .4 | .2 | .0 | .0 | | | | | | | | | | | 306 | 312 | 792 | |
| 50/ 49 | .0 | .2 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | | | 217 | 219 | 603 | |
| 48/ 47 | | .1 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 136 | 138 | 460 | |
| 46/ 45 | | .1 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 83 | 83 | 301 | |
| 44/ 43 | | .1 | .1 | .1 | .0 | | | | | | | | | | | | | 52 | 52 | 195 | |
| 42/ 41 | | .0 | .1 | .0 | | | | | | | | | | | | | | 36 | 36 | 89 | |
| 40/ 39 | | .0 | .0 | .0 | | | | | | | | | | | | | | 16 | 16 | 70 | |
| 38/ 37 | | .0 | | | | | | | | | | | | | | | | 4 | 4 | 45 | |
| 36/ 35 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 17 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 4 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

OCT

MONTH

ALL

HOURS (L, S, T.)

USAFETAC
FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13020

KEESLER AFB MISSISSIPPI/BILOXI

42-74

NOV

STATION

STATION NAME

YEARS

PAGE 1

MONTH

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|--------------------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | | Dew Point | | |
| 84/ 83 | | | .0 | | .0 | .0 | .0 | | .0 | | | | | | | | | 10 | 10 | | | | |
| 82/ 81 | | | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | | | | | 40 | 40 | | | | |
| 80/ 79 | | | .1 | .2 | .2 | .2 | .1 | .0 | .0 | | .0 | | | | | | | 163 | 163 | 2 | | | |
| 78/ 77 | | .1 | .3 | .4 | .3 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | | | | | | 322 | 324 | 3 | 2 | | |
| 76/ 75 | .0 | .3 | .8 | .9 | .6 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | | 660 | 679 | 62 | 27 | | |
| 74/ 73 | .1 | .6 | 1.1 | 1.1 | .6 | .4 | .2 | .1 | .0 | .1 | .0 | | | | | | | 902 | 952 | 260 | 96 | | |
| 72/ 71 | .2 | 1.2 | 1.6 | 1.0 | .6 | .4 | .3 | .1 | .1 | .0 | .0 | .0 | | | | | | 1199 | 1247 | 612 | 357 | | |
| 70/ 69 | .6 | 2.1 | 1.9 | 1.1 | .7 | .6 | .3 | .1 | .2 | .1 | .0 | .0 | | | | | | 1648 | 1721 | 1036 | 733 | | |
| 68/ 67 | .7 | 2.2 | 1.8 | .8 | .6 | .7 | .3 | .2 | .2 | .1 | .0 | | | | | | | 1596 | 1662 | 1462 | 1080 | | |
| 66/ 65 | .7 | 2.1 | 1.7 | .9 | .7 | .6 | .4 | .2 | .2 | .1 | .0 | | | | | | | 1595 | 1695 | 1365 | 1327 | | |
| 64/ 63 | .7 | 2.0 | 1.2 | 1.0 | .7 | .6 | .4 | .3 | .2 | .1 | | | | | | | | 1530 | 1590 | 1448 | 1290 | | |
| 62/ 61 | .3 | 2.0 | 1.2 | 1.0 | .8 | .6 | .5 | .3 | .1 | | | | | | | | | 1437 | 1509 | 1230 | 1096 | | |
| 60/ 59 | .4 | 1.9 | 1.4 | 1.0 | .7 | .6 | .4 | .2 | .1 | .0 | | | | | | | | 1446 | 1531 | 1370 | 1183 | | |
| 58/ 57 | .3 | 1.5 | 1.2 | .8 | .7 | .5 | .4 | .2 | .0 | | | | | | | | | 1212 | 1285 | 1315 | 1082 | | |
| 56/ 55 | .2 | 1.2 | 1.3 | 1.0 | .8 | .5 | .3 | .1 | .0 | | | | | | | | | 1195 | 1265 | 1276 | 1070 | | |
| 54/ 53 | .3 | 1.1 | 1.2 | 1.0 | .7 | .4 | .2 | .1 | | | | | | | | | | 1066 | 1116 | 1191 | 1028 | | |
| 52/ 51 | .2 | 1.0 | 1.1 | 1.0 | .7 | .4 | .2 | | | | | | | | | | | 978 | 1021 | 1238 | 977 | | |
| 50/ 49 | .2 | 1.0 | 1.4 | 1.0 | .7 | .3 | .1 | .0 | | | | | | | | | | 986 | 1014 | 1271 | 970 | | |
| 48/ 47 | .1 | .8 | 1.2 | 1.0 | .7 | .3 | .0 | | | | | | | | | | | 886 | 919 | 1169 | 964 | | |
| 46/ 45 | .1 | .8 | 1.2 | .9 | .4 | .1 | .0 | | | | | | | | | | | 735 | 775 | 1119 | 896 | | |
| 44/ 43 | .0 | .5 | .9 | .7 | .3 | .1 | .0 | | | | | | | | | | | 537 | 555 | 978 | 911 | | |
| 42/ 41 | .0 | .4 | .7 | .5 | .2 | .0 | | | | | | | | | | | | 394 | 399 | 861 | 930 | | |
| 40/ 39 | .0 | .2 | .5 | .3 | .1 | | | | | | | | | | | | | 250 | 262 | 698 | 873 | | |
| 38/ 37 | .0 | .2 | .3 | .2 | .0 | .0 | | | | | | | | | | | | 177 | 180 | 480 | 762 | | |
| 36/ 35 | | .1 | .3 | .1 | .0 | | | | | | | | | | | | | 112 | 115 | 321 | 707 | | |
| 34/ 33 | | .0 | .2 | .1 | | | | | | | | | | | | | | 60 | 62 | 178 | 663 | | |
| 32/ 31 | | .1 | .1 | .0 | | | | | | | | | | | | | | 42 | 45 | 118 | 580 | | |
| 30/ 29 | | .0 | .0 | .0 | | | | | | | | | | | | | | 16 | 22 | 83 | 452 | | |
| 28/ 27 | | | .0 | | | | | | | | | | | | | | | 7 | 7 | 32 | 298 | | |
| 26/ 25 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 13 | 300 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 12 | 204 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 130 | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 74 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 58 | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13020 KESLER AFB MISSISSIPPI/BILDXI

42-74

DEC

STATION

STATION NAME

YEARS

PAGE 1

MONTH

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL ≥ 31 | TOTAL | | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|---------------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-2. | D.B./W.B. | | Dry Bulb | Wet Bulb | Dew Point | |
| 80/ 79 | | | | | | | .0 | .0 | | | | | | | | | 3 | 3 | | | |
| 78/ 77 | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 20 | 20 | | | |
| 76/ 75 | | | .0 | .1 | .0 | .1 | .0 | .0 | .0 | | | | | | | | 47 | 47 | | | |
| 74/ 73 | | .1 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | | | 154 | 154 | 3 | | |
| 72/ 71 | .0 | .3 | .4 | .3 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | 310 | 317 | 46 | 18 | |
| 70/ 69 | .2 | 1.4 | 1.0 | .3 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | 771 | 793 | 274 | 145 | |
| 68/ 67 | .5 | 1.8 | 1.2 | .4 | .4 | .2 | .1 | .0 | .0 | .0 | | | | | | | 1043 | 1076 | 687 | 529 | |
| 66/ 65 | 1.0 | 2.6 | 1.4 | .6 | .4 | .2 | .1 | .1 | .1 | .0 | | | | | | | 1423 | 1474 | 986 | 774 | |
| 64/ 63 | 1.1 | 2.9 | 1.3 | .5 | .4 | .3 | .2 | .1 | .1 | .0 | | | | | | | 1498 | 1535 | 1223 | 1084 | |
| 62/ 61 | .9 | 2.7 | 1.1 | .8 | .5 | .4 | .2 | .1 | .1 | .0 | | | | | | | 1431 | 1461 | 1311 | 1096 | |
| 60/ 59 | 1.1 | 2.6 | 1.3 | 1.1 | .6 | .5 | .2 | .1 | .1 | | .0 | | | | | | 1661 | 1675 | 1339 | 1206 | |
| 58/ 57 | .5 | 2.2 | 1.4 | .8 | .7 | .5 | .3 | .1 | .0 | | | | | | | | 1418 | 1430 | 1227 | 1093 | |
| 56/ 55 | .3 | 2.1 | 1.3 | .9 | .6 | .6 | .3 | .1 | .0 | | | | | | | | 1345 | 1372 | 1221 | 972 | |
| 54/ 53 | .3 | 1.9 | 1.3 | 1.0 | .8 | .5 | .2 | .0 | .0 | | | | | | | | 1298 | 1327 | 1229 | 971 | |
| 52/ 51 | .3 | 1.7 | 1.4 | 1.0 | .7 | .4 | .2 | .0 | | | | | | | | | 1262 | 1286 | 1179 | 1078 | |
| 50/ 49 | .4 | 2.1 | 1.7 | 1.1 | .7 | .5 | .2 | .0 | | | | | | | | | 1466 | 1483 | 1353 | 1092 | |
| 48/ 47 | .3 | 1.7 | 1.3 | 1.2 | .7 | .3 | .1 | | | | | | | | | | 1233 | 1251 | 1408 | 1046 | |
| 46/ 45 | .2 | 1.6 | 1.5 | 1.0 | .6 | .2 | .1 | | | | | | | | | | 1117 | 1139 | 1375 | 1078 | |
| 44/ 43 | .2 | 1.3 | 1.6 | .8 | .5 | .2 | .0 | | | | | | | | | | 985 | 998 | 1240 | 1035 | |
| 42/ 41 | .2 | 1.4 | 1.3 | .8 | .4 | .1 | | | | | | | | | | | 917 | 925 | 1235 | 1036 | |
| 40/ 39 | .2 | .9 | 1.3 | .6 | .3 | .0 | | | | | | | | | | | 685 | 701 | 1218 | 1011 | |
| 38/ 37 | .1 | .8 | .7 | .6 | .2 | .0 | | | | | | | | | | | 529 | 534 | 859 | 987 | |
| 36/ 35 | .1 | .6 | .7 | .4 | .0 | | | | | | | | | | | | 394 | 398 | 742 | 974 | |
| 34/ 33 | .0 | .5 | .5 | .3 | .0 | | | | | | | | | | | | 302 | 302 | 515 | 875 | |
| 32/ 31 | .1 | .3 | .4 | .2 | .0 | | | | | | | | | | | | 212 | 213 | 449 | 753 | |
| 30/ 29 | .0 | .2 | .4 | .1 | .0 | | | | | | | | | | | | 157 | 158 | 268 | 657 | |
| 28/ 27 | | .1 | .2 | .0 | | | | | | | | | | | | | 67 | 67 | 200 | 442 | |
| 26/ 25 | | .1 | .1 | .0 | | | | | | | | | | | | | 39 | 39 | 140 | 511 | |
| 24/ 23 | | .0 | .0 | .0 | | | | | | | | | | | | | 18 | 18 | 61 | 354 | |
| 22/ 21 | .0 | .0 | .0 | | | | | | | | | | | | | | 12 | 14 | 23 | 281 | |
| 20/ 19 | | .0 | .0 | | | | | | | | | | | | | | 6 | 6 | 14 | 217 | |
| 18/ 17 | | | .0 | | | | | | | | | | | | | | 4 | 4 | 7 | 219 | |
| 16/ 15 | | .0 | | | | | | | | | | | | | | | 2 | 2 | 2 | 164 | |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | 3 | 3 | 5 | 74 | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

USAF ETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC

MONTH

ALL

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 12/ 11 | | .6 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 22 | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 2 | 12 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | 1 | | 8 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 10 | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 20 | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | 7.9 | 33.9 | 25.1 | 15.0 | 8.9 | 5.3 | 2.5 | .8 | .4 | .1 | .0 | | | | | | | | 22229 | | 21855 | |
| | | | | | | | | | | | | | | | | | | 21855 | | 21855 | | |
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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13820
STATION

KLEESLER AFB MISSISSIPPI/BILDXI
STATION NAME

43-65,69,74
YEARS

JAN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|------|-----------|----------|----------|-----------|--------|--|--|--------|--|--|--------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 70/ 69 | .1 | .5 | .1 | | | | | | | | | | | | | | | 15 | 15 | 8 | 4 | | | | | | | | | | | | |
| 68/ 67 | .2 | 1.8 | .4 | | | | | | | | | | | | | | | 52 | 52 | 21 | 20 | | | | | | | | | | | | |
| 66/ 65 | 2.4 | 2.7 | .6 | | | | | | | | | | | | | | | 132 | 133 | 114 | 99 | | | | | | | | | | | | |
| 64/ 63 | 1.9 | 2.4 | .2 | | .1 | | | | | | | | | | | | | 102 | 104 | 102 | 94 | | | | | | | | | | | | |
| 62/ 61 | 2.2 | 3.4 | .4 | .0 | .1 | .0 | | | | | | | | | | | | 135 | 136 | 124 | 108 | | | | | | | | | | | | |
| 60/ 59 | 2.5 | 4.2 | .5 | .0 | .1 | .1 | .0 | | | | | | | | | | | 175 | 175 | 146 | 150 | | | | | | | | | | | | |
| 58/ 57 | 1.6 | 2.7 | .8 | .2 | .0 | | | | | | | | | | | | | 123 | 123 | 131 | 125 | | | | | | | | | | | | |
| 56/ 55 | 1.4 | 3.0 | 1.1 | .2 | .1 | .1 | | | | | | | | | | | | 131 | 132 | 112 | 104 | | | | | | | | | | | | |
| 54/ 53 | .5 | 2.3 | 1.5 | .4 | .0 | .0 | | | | | | | | | | | | 106 | 106 | 96 | 88 | | | | | | | | | | | | |
| 52/ 51 | .7 | 2.9 | 1.4 | .5 | .2 | | | | | | | | | | | | | 124 | 124 | 105 | 91 | | | | | | | | | | | | |
| 50/ 49 | .0 | 2.2 | 1.5 | .5 | .7 | | | | | | | | | | | | | 126 | 127 | 117 | 100 | | | | | | | | | | | | |
| 48/ 47 | .3 | 1.6 | 1.9 | 1.0 | .4 | .2 | | | | | | | | | | | | 119 | 120 | 100 | 87 | | | | | | | | | | | | |
| 45 | .1 | 1.6 | 2.0 | 1.0 | .3 | .1 | | | | | | | | | | | | 116 | 118 | 76 | 80 | | | | | | | | | | | | |
| 43 | 1.0 | 2.6 | 2.0 | 1.0 | .5 | | | | | | | | | | | | | 157 | 165 | 140 | 86 | | | | | | | | | | | | |
| 42/ 41 | 1.2 | 2.4 | 1.9 | .9 | .2 | | | | | | | | | | | | | 146 | 149 | 155 | 126 | | | | | | | | | | | | |
| 40/ 39 | .4 | 1.4 | 1.5 | 1.3 | .3 | | | | | | | | | | | | | 108 | 111 | 144 | 101 | | | | | | | | | | | | |
| 38/ 37 | .2 | 1.7 | 1.0 | .8 | .2 | | | | | | | | | | | | | 86 | 86 | 105 | 98 | | | | | | | | | | | | |
| 36/ 35 | .2 | 2.0 | .9 | .8 | | | | | | | | | | | | | | 85 | 85 | 114 | 101 | | | | | | | | | | | | |
| 34/ 33 | .3 | .8 | 1.0 | .5 | | | | | | | | | | | | | | 54 | 54 | 91 | 117 | | | | | | | | | | | | |
| 32/ 31 | .0 | .5 | 1.0 | .5 | | | | | | | | | | | | | | 43 | 45 | 59 | 91 | | | | | | | | | | | | |
| 30/ 29 | | .4 | .6 | .5 | | | | | | | | | | | | | | 31 | 31 | 44 | 62 | | | | | | | | | | | | |
| 28/ 27 | | .1 | .1 | .0 | | | | | | | | | | | | | | 6 | 6 | 32 | 37 | | | | | | | | | | | | |
| 26/ 25 | | .1 | .3 | .1 | | | | | | | | | | | | | | 12 | 12 | 27 | 47 | | | | | | | | | | | | |
| 24/ 23 | | .2 | .0 | | | | | | | | | | | | | | | 6 | 6 | 16 | 43 | | | | | | | | | | | | |
| 22/ 21 | | | .2 | | | | | | | | | | | | | | | 5 | 5 | 9 | 32 | | | | | | | | | | | | |
| 20/ 19 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 5 | 23 | | | | | | | | | | | | |
| 18/ 17 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 5 | 23 | | | | | | | | | | | | |
| 16/ 15 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 3 | 20 | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 3 | 15 | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 7 | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | | n _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | | | ≤ 32 F | | | ≥ 67 F | | | ≥ 73 F | | | ≥ 80 F | | | ≥ 93 F | | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
NIL 6A
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-66,69-74
YEARS

JAN
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Ds. Point |
| 70/ 69 | .0 | .4 | .1 | | | | | | | | | | | | | | | 14 | 16 | 4 | 2 |
| 68/ 67 | .5 | 1.4 | .2 | | | | | | | | | | | | | | | 48 | 50 | 24 | 23 |
| 66/ 65 | 2.6 | 2.3 | .3 | .0 | .0 | | | | | | | | | | | | | 122 | 124 | 116 | 90 |
| 64/ 63 | 2.5 | 2.6 | .2 | .1 | | | | | | | | | | | | | | 129 | 136 | 107 | 114 |
| 62/ 61 | 2.5 | 2.5 | .4 | .0 | | | | | | | | | | | | | | 134 | 137 | 133 | 118 |
| 60/ 59 | 3.2 | 3.2 | .4 | | .1 | .0 | | | | | | | | | | | | 165 | 167 | 158 | 150 |
| 58/ 57 | 1.2 | 2.5 | .4 | .1 | | .0 | .1 | | | | | | | | | | | 103 | 103 | 102 | 109 |
| 56/ 55 | .8 | 2.6 | .7 | .2 | .0 | .0 | | | | | | | | | | | | 102 | 103 | 92 | 84 |
| 54/ 53 | 1.0 | 2.8 | 1.4 | .4 | | | | | | | | | | | | | | 130 | 130 | 97 | 99 |
| 52/ 51 | .7 | 2.9 | 1.2 | .2 | .2 | .2 | | | | | | | | | | | | 125 | 126 | 105 | 73 |
| 50/ 49 | .0 | 1.8 | 1.3 | .5 | .3 | .0 | | | | | | | | | | | | 111 | 112 | 128 | 111 |
| 48/ 47 | .3 | 2.1 | 1.7 | 1.1 | .3 | .1 | | | | | | | | | | | | 133 | 131 | 76 | 92 |
| 46/ 45 | .6 | 2.5 | 1.3 | .8 | .2 | | | | | | | | | | | | | 128 | 127 | 112 | 81 |
| 44/ 43 | .3 | 2.3 | 2.2 | .9 | .2 | | | | | | | | | | | | | 146 | 151 | 132 | 114 |
| 42/ 41 | .7 | 2.4 | 2.3 | .9 | .3 | | | | | | | | | | | | | 155 | 161 | 141 | 84 |
| 40/ 39 | .9 | 1.6 | 2.2 | .8 | .1 | | | | | | | | | | | | | 133 | 135 | 166 | 130 |
| 38/ 37 | .4 | 1.9 | 1.5 | .7 | | | | | | | | | | | | | | 105 | 110 | 123 | 90 |
| 36/ 35 | .3 | 2.1 | 1.5 | .7 | .1 | | | | | | | | | | | | | 112 | 112 | 127 | 121 |
| 34/ 33 | .4 | 1.4 | .9 | .3 | .1 | | | | | | | | | | | | | 74 | 74 | 110 | 123 |
| 32/ 31 | .1 | .8 | 1.3 | .2 | | | | | | | | | | | | | | 57 | 59 | 83 | 110 |
| 30/ 29 | .0 | .4 | 1.5 | .3 | | | | | | | | | | | | | | 52 | 54 | 59 | 81 |
| 28/ 27 | | .3 | .8 | .0 | | | | | | | | | | | | | | 26 | 26 | 48 | 55 |
| 26/ 25 | | .1 | .1 | .0 | | | | | | | | | | | | | | 6 | 6 | 41 | 64 |
| 24/ 23 | | .3 | .3 | | | | | | | | | | | | | | | 15 | 15 | 21 | 43 |
| 22/ 21 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 15 | 34 |
| 20/ 19 | | .3 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 41 |
| 18/ 17 | | .2 | | | | | | | | | | | | | | | | 4 | 4 | 9 | 29 |
| 16/ 15 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 2 | 22 |
| 14/ 13 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 1 | 18 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 2 | 9 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| Element (X) | Σ x² | | | Σ x | | x̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILLOXI

43-74

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE: 1

0600-0800

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 72/ 71 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 70/ 69 | .2 | .5 | .1 | | | | | | | | | | | | | | | 22 | 22 | 9 | 7 | | |
| 68/ 67 | .3 | 1.5 | .2 | | | | | | | | | | | | | | | 60 | 61 | 33 | 22 | | |
| 66/ 65 | 1.8 | 2.6 | .7 | | | | | | | | | | | | | | | 146 | 152 | 118 | 101 | | |
| 64/ 63 | 1.0 | 2.9 | .7 | | | | | | | | | | | | | | | 157 | 162 | 135 | 125 | | |
| 62/ 61 | 2.5 | 2.6 | .3 | | | | | | | | | | | | | | | 158 | 166 | 174 | 157 | | |
| 60/ 59 | 2.0 | 3.1 | .8 | .1 | .1 | .0 | | | | | | | | | | | | 175 | 177 | 154 | 152 | | |
| 58/ 57 | .9 | 2.5 | 1.0 | .1 | .1 | | .0 | | | | | | | | | | | 133 | 135 | 118 | 126 | | |
| 56/ 55 | .8 | 2.6 | .8 | .3 | | .0 | | | | | | | | | | | | 133 | 134 | 123 | 113 | | |
| 54/ 53 | .5 | 2.9 | 1.1 | .5 | .1 | .1 | | | | | | | | | | | | 148 | 148 | 121 | 107 | | |
| 52/ 51 | .4 | 2.5 | 1.0 | .2 | .1 | .1 | | | | | | | | | | | | 124 | 126 | 111 | 100 | | |
| 50/ 49 | .6 | 2.0 | 1.2 | .8 | .3 | | | | | | | | | | | | | 142 | 143 | 143 | 124 | | |
| 48/ 47 | .4 | 1.8 | 1.7 | .8 | .5 | .1 | .0 | | | | | | | | | | | 151 | 151 | 107 | 102 | | |
| 46/ 45 | .6 | 2.1 | 1.3 | .9 | .1 | .1 | | | | | | | | | | | | 147 | 151 | 135 | 116 | | |
| 44/ 43 | .5 | 2.7 | 2.0 | .7 | .1 | | | | | | | | | | | | | 172 | 176 | 149 | 110 | | |
| 42/ 41 | .5 | 2.0 | 2.0 | .7 | .4 | | | | | | | | | | | | | 180 | 182 | 163 | 106 | | |
| 40/ 39 | .0 | 1.8 | 2.2 | .8 | .2 | | | | | | | | | | | | | 159 | 161 | 176 | 143 | | |
| 38/ 37 | .5 | 2.4 | 1.6 | .9 | | | | | | | | | | | | | | 156 | 159 | 174 | 114 | | |
| 36/ 35 | .3 | 1.8 | 1.7 | .6 | | | | | | | | | | | | | | 128 | 130 | 165 | 140 | | |
| 34/ 33 | .3 | 1.8 | 1.7 | .6 | .1 | | | | | | | | | | | | | 130 | 130 | 130 | 176 | | |
| 32/ 31 | .2 | 1.5 | 1.2 | .3 | | | | | | | | | | | | | | 93 | 94 | 126 | 136 | | |
| 30/ 29 | .1 | .6 | 1.4 | .1 | | | | | | | | | | | | | | 65 | 65 | 112 | 106 | | |
| 28/ 27 | | .5 | .4 | .2 | | | | | | | | | | | | | | 32 | 32 | 72 | 91 | | |
| 26/ 25 | | .2 | .6 | | | | | | | | | | | | | | | 25 | 25 | 48 | 84 | | |
| 24/ 23 | | .2 | .3 | | | | | | | | | | | | | | | 15 | 15 | 26 | 77 | | |
| 22/ 21 | | .2 | .2 | | | | | | | | | | | | | | | 10 | 10 | 23 | 53 | | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 14 | 46 | | |
| 18/ 17 | | .2 | .0 | | | | | | | | | | | | | | | 6 | 6 | 9 | 39 | | |
| 16/ 15 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 4 | 34 | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 5 | 4 | 4 | 18 | | |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 15 | | |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 19 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX ² | | ΣX | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

YEARS _____ JAN _____
 MONTH _____
 PAGE 2 0600-0800
 HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEEESLER AFB MISSISSIPPI/BILLOXI

43-74

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|-----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet B. lb | Dew Point | | |
| 78/ 77 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | | | |
| 76/ 75 | | | .1 | .1 | .1 | | | | | | | | | | | | | 9 | 9 | | | | |
| 74/ 73 | | | .3 | .2 | .1 | | | | | | | | | | | | | 17 | 17 | | | | |
| 72/ 71 | | .3 | 1.2 | .3 | | | .0 | | | | | | | | | | | 54 | 54 | 6 | 1 | | |
| 70/ 69 | .5 | 1.3 | 1.7 | .7 | .0 | .0 | | | | | | | | | | | | 110 | 110 | 34 | 12 | | |
| 68/ 67 | .9 | 2.0 | 1.9 | .7 | .4 | .0 | | .0 | | | | | | | | | | 155 | 156 | 113 | 68 | | |
| 66/ 65 | 1.0 | 2.2 | 1.8 | 1.0 | .4 | .1 | .1 | .1 | .1 | | | | | | | | | 198 | 204 | 159 | 134 | | |
| 64/ 63 | 1.0 | 2.2 | 1.8 | 1.0 | .3 | .2 | .2 | .1 | .0 | | | | | | | | | 200 | 201 | 177 | 157 | | |
| 62/ 61 | 1.2 | 1.7 | 1.3 | 1.4 | .4 | .6 | .2 | .0 | .0 | | | | | | | | | 198 | 202 | 162 | 176 | | |
| 60/ 59 | .9 | 1.7 | 1.2 | 1.4 | .8 | .2 | .1 | .1 | | | | | | | | | | 184 | 186 | 153 | 140 | | |
| 58/ 57 | .5 | 1.6 | 1.1 | .9 | .4 | .4 | .2 | .1 | | | | | | | | | | 156 | 160 | 165 | 122 | | |
| 56/ 55 | .2 | 1.3 | 1.4 | 1.0 | 1.1 | .6 | .3 | .2 | | | | | | | | | | 174 | 178 | 124 | 115 | | |
| 54/ 53 | .1 | 1.3 | 1.5 | 1.1 | .8 | .8 | .4 | .1 | | | | | | | | | | 178 | 180 | 136 | 119 | | |
| 52/ 51 | .2 | 1.0 | 1.2 | 1.3 | .9 | .8 | .2 | .0 | | | | | | | | | | 165 | 165 | 158 | 99 | | |
| 50/ 49 | .1 | .9 | 1.0 | 1.1 | 1.8 | .7 | .2 | | | | | | | | | | | 167 | 169 | 133 | 119 | | |
| 48/ 47 | .1 | 1.0 | 1.0 | 1.5 | 1.0 | .0 | .2 | | | | | | | | | | | 155 | 155 | 148 | 116 | | |
| 46/ 45 | .4 | 1.1 | .9 | 1.3 | 1.0 | .5 | | | | | | | | | | | | 147 | 150 | 173 | 126 | | |
| 44/ 43 | .2 | 1.0 | 1.0 | 1.1 | .9 | .2 | .0 | | | | | | | | | | | 129 | 129 | 155 | 107 | | |
| 42/ 41 | .1 | .7 | 1.0 | .3 | .7 | .2 | | | | | | | | | | | | 105 | 107 | 177 | 124 | | |
| 40/ 39 | .1 | .8 | 1.1 | 1.2 | .8 | .1 | | | | | | | | | | | | 118 | 118 | 146 | 117 | | |
| 38/ 37 | .1 | .6 | .8 | .8 | .6 | | | | | | | | | | | | | 83 | 83 | 140 | 101 | | |
| 36/ 35 | .2 | .4 | .5 | .9 | .2 | .1 | | | | | | | | | | | | 66 | 66 | 118 | 139 | | |
| 34/ 33 | .1 | .3 | .4 | .5 | .2 | | | | | | | | | | | | | 44 | 44 | 97 | 123 | | |
| 32/ 31 | .1 | .4 | .2 | .2 | .1 | | | | | | | | | | | | | 31 | 31 | 80 | 111 | | |
| 30/ 29 | | .1 | .3 | .3 | | | | | | | | | | | | | | 21 | 21 | 51 | 94 | | |
| 28/ 27 | | .1 | .3 | .1 | | | | | | | | | | | | | | 14 | 14 | 34 | 72 | | |
| 26/ 25 | | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 21 | 83 | | |
| 24/ 23 | | | .1 | .0 | | | | | | | | | | | | | | 4 | 4 | 20 | 77 | | |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 6 | 49 | | |
| 20/ 19 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 4 | 52 | | |
| 18/ 17 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 3 | 45 | | |
| 16/ 15 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 5 | 26 | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 14 | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 23 | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLESLE AFB MISSISSIPPI/BILLOXI

43-74

JAN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|----------|--------------------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | | Wet Bulb | Dew Point | |
| 80/ 79 | | | | | | .1 | .0 | | | | | | | | | | | 3 | 3 | | | |
| 78/ 77 | | .0 | | .0 | .1 | | | | | | | | | | | | | 5 | 5 | | | |
| 76/ 75 | | | .0 | .8 | .3 | .0 | | | | | | | | | | | | 34 | 34 | 1 | | |
| 74/ 73 | | .0 | .6 | .8 | .1 | .0 | .1 | .1 | .0 | | | | | | | | | 49 | 49 | | 1 | |
| 72/ 71 | | .3 | 1.9 | 1.0 | .1 | .1 | .1 | | .1 | .1 | | | | | | | | 108 | 108 | 11 | 1 | |
| 70/ 69 | .0 | 1.1 | 2.5 | 1.5 | .6 | .2 | .1 | .0 | .0 | | | | | | | | | 179 | 181 | 72 | 14 | |
| 68/ 67 | .2 | 1.7 | 2.8 | 1.5 | .8 | .4 | .2 | .1 | .2 | | | | | | | | | 231 | 233 | 134 | 87 | |
| 66/ 65 | .6 | 1.5 | 1.9 | 1.9 | 1.1 | 1.0 | .4 | .1 | .1 | .1 | | | | | | | | 251 | 251 | 201 | 145 | |
| 64/ 63 | .4 | 1.5 | 1.4 | 1.4 | 1.2 | .8 | .5 | .3 | .1 | .1 | | | | | | | | 225 | 227 | 168 | 196 | |
| 62/ 61 | .4 | 1.1 | 1.1 | 1.3 | 1.3 | .5 | .4 | .3 | .2 | .0 | | | | | | | | 194 | 197 | 170 | 145 | |
| 60/ 59 | .6 | 1.3 | .8 | .9 | 1.1 | 1.0 | .7 | .5 | .2 | | | | | | | | | 205 | 207 | 179 | 137 | |
| 58/ 57 | .2 | 1.0 | 1.0 | 1.6 | 1.4 | .8 | .8 | .4 | .1 | | | | | | | | | 217 | 220 | 180 | 147 | |
| 56/ 55 | | .9 | 1.2 | 1.3 | 1.7 | 1.3 | .8 | .4 | .1 | | | | | | | | | 225 | 232 | 149 | 125 | |
| 54/ 53 | .1 | .8 | .7 | 1.3 | 1.0 | .8 | .8 | .2 | .1 | | | | | | | | | 166 | 167 | 167 | 118 | |
| 52/ 51 | .0 | .4 | .7 | .5 | 1.2 | 1.2 | 1.0 | .1 | | | | | | | | | | 150 | 150 | 180 | 118 | |
| 50/ 49 | .2 | .5 | .6 | .6 | 1.0 | 1.0 | .3 | .1 | | | | | | | | | | 124 | 126 | 175 | 138 | |
| 48/ 47 | .1 | .3 | .3 | .9 | .8 | .5 | .3 | | | | | | | | | | | 95 | 95 | 176 | 119 | |
| 46/ 45 | .2 | .7 | .8 | .8 | 1.0 | .7 | .2 | | | | | | | | | | | 128 | 128 | 167 | 130 | |
| 44/ 43 | .1 | .6 | .8 | .3 | .8 | .5 | .1 | | | | | | | | | | | 97 | 97 | 143 | 126 | |
| 42/ 41 | .0 | .4 | .6 | .3 | .7 | .3 | .0 | | | | | | | | | | | 71 | 71 | 174 | 115 | |
| 40/ 39 | .1 | .2 | .2 | .3 | .6 | .3 | .0 | | | | | | | | | | | 53 | 53 | 137 | 112 | |
| 38/ 37 | | .2 | .3 | .3 | .4 | .1 | | | | | | | | | | | | 34 | 34 | 89 | 116 | |
| 36/ 35 | .1 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 19 | 19 | 72 | 113 | |
| 34/ 33 | .2 | .3 | .1 | .1 | .1 | | | | | | | | | | | | | 25 | 25 | 59 | 116 | |
| 32/ 31 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 11 | 11 | 57 | 88 | |
| 30/ 29 | | | .1 | .1 | | | | | | | | | | | | | | 7 | 7 | 24 | 93 | |
| 28/ 27 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 9 | 66 | |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | 3 | 3 | 9 | 62 | |
| 24/ 23 | | | .1 | .0 | | | | | | | | | | | | | | 3 | 3 | 3 | 61 | |
| 22/ 21 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 4 | 61 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 30 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 32 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 24 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 26 | |
| Element (X) | Σx^2 | | | Σx | | | \bar{x} | | s_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

JAN
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 78/ 77 | | | | | .1 | | | | | | .0 | | | | | | | 4 | 4 | | | |
| 76/ 75 | | .0 | .0 | .3 | .0 | | | .0 | | | | | | | | | | 12 | 12 | | | |
| 74/ 73 | | | .4 | .3 | .2 | | | .1 | .0 | | | | | | | | | 27 | 27 | 1 | | |
| 72/ 71 | | .4 | .9 | .4 | .1 | .0 | .0 | .1 | .0 | | | | | | | | | 56 | 56 | 3 | 1 | |
| 70/ 69 | .0 | 1.6 | 2.2 | 1.0 | .2 | | .0 | .0 | .1 | | | | | | | | | 150 | 150 | 42 | 10 | |
| 68/ 67 | .1 | 2.3 | 2.4 | .7 | .3 | .3 | .2 | .1 | .1 | | | | | | | | | 189 | 190 | 118 | 69 | |
| 66/ 65 | .3 | 2.5 | 2.5 | 1.1 | .5 | .5 | .3 | | .1 | .0 | | | | | | | | 240 | 241 | 174 | 131 | |
| 64/ 63 | .0 | 2.6 | 1.9 | 1.4 | .7 | .4 | .4 | .2 | .3 | | | | | | | | | 250 | 250 | 185 | 175 | |
| 62/ 61 | 1.0 | 2.3 | 1.5 | 1.4 | 1.0 | .2 | .2 | .3 | .1 | .0 | | | | | | | | 236 | 238 | 195 | 184 | |
| 60/ 59 | .3 | 1.3 | 1.2 | 1.4 | 1.0 | .5 | .4 | .5 | .1 | | | | | | | | | 201 | 203 | 179 | 174 | |
| 58/ 57 | .3 | 1.3 | 1.4 | 2.0 | 1.4 | .9 | .4 | .2 | .0 | | | | | | | | | 232 | 236 | 166 | 113 | |
| 56/ 55 | .3 | 1.4 | 1.6 | 2.1 | 1.3 | 1.0 | .4 | .3 | .1 | | | | | | | | | 252 | 258 | 174 | 144 | |
| 54/ 53 | .2 | .8 | 1.2 | 1.6 | 1.0 | .8 | .6 | .7 | | | | | | | | | | 189 | 190 | 182 | 122 | |
| 52/ 51 | .1 | .9 | 1.0 | 1.1 | 1.1 | 1.4 | .6 | .1 | | | | | | | | | | 183 | 185 | 184 | 106 | |
| 50/ 49 | | .5 | .7 | 1.3 | 1.0 | .9 | .3 | .0 | | | | | | | | | | 137 | 138 | 212 | 158 | |
| 48/ 47 | .0 | .3 | .3 | 1.2 | .9 | .8 | .5 | | | | | | | | | | | 117 | 117 | 154 | 138 | |
| 46/ 45 | .2 | 1.0 | 1.2 | .7 | .7 | .6 | .1 | | | | | | | | | | | 131 | 131 | 177 | 149 | |
| 44/ 43 | .2 | .7 | .7 | .7 | .6 | .4 | .0 | .1 | | | | | | | | | | 98 | 98 | 162 | 122 | |
| 42/ 41 | .2 | .5 | .7 | .2 | .4 | .4 | .1 | | | | | | | | | | | 70 | 70 | 183 | 146 | |
| 40/ 39 | .0 | .2 | .3 | .4 | .5 | .3 | | | | | | | | | | | | 55 | 55 | 121 | 108 | |
| 38/ 37 | | .1 | .1 | .3 | .1 | .0 | | | | | | | | | | | | 18 | 18 | 88 | 124 | |
| 36/ 35 | .0 | .3 | .2 | .2 | .2 | | | | | | | | | | | | | 31 | 31 | 69 | 117 | |
| 34/ 33 | .0 | .5 | | .1 | .0 | | | | | | | | | | | | | 19 | 19 | 63 | 91 | |
| 32/ 31 | .1 | .1 | .0 | .1 | | | | | | | | | | | | | | 8 | 8 | 43 | 91 | |
| 30/ 29 | | | .1 | .2 | | | | | | | | | | | | | | 9 | 9 | 17 | 81 | |
| 28/ 27 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 10 | 57 | |
| 26/ 25 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 9 | 68 | |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | 60 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 2 | 33 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 40 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 28 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 19 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 14 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 14 | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≥ 0 F | ≤ 32 F | ≥ 57 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESELER AFB MISSISSIPPI/BILUOXI 43-74

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 72/ 71 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | | | | |
| 70/ 69 | | 1.0 | .1 | | | | | | | | | | | | | | | 26 | 28 | 11 | 7 | | |
| 68/ 67 | .5 | 2.2 | .3 | | | | | | | | | | | | | | | 81 | 84 | 42 | 29 | | |
| 66/ 65 | 1.4 | 2.7 | .9 | .1 | | | .0 | | | | | | | | | | | 137 | 139 | 116 | 106 | | |
| 64/ 63 | 1.0 | 4.2 | .8 | .2 | .1 | .0 | .0 | | | | | | | | | | | 191 | 191 | 147 | 122 | | |
| 62/ 61 | 1.4 | 3.8 | .3 | .2 | .2 | .0 | | | | | | | | | | | | 155 | 155 | 162 | 159 | | |
| 60/ 59 | 1.4 | 4.4 | 1.1 | .2 | .1 | .1 | | .0 | | | | | | | | | | 208 | 208 | 176 | 172 | | |
| 58/ 57 | 1.4 | 3.4 | 1.4 | .2 | .1 | .0 | .0 | | | | | | | | | | | 172 | 172 | 173 | 151 | | |
| 56/ 55 | .9 | 2.3 | 1.7 | .8 | .3 | .2 | | | | | | | | | | | | 163 | 164 | 144 | 137 | | |
| 54/ 53 | .4 | 2.4 | 1.3 | .7 | .5 | .3 | | | | | | | | | | | | 161 | 162 | 109 | 104 | | |
| 52/ 51 | .5 | 2.1 | 1.8 | .6 | .3 | .3 | | | | | | | | | | | | 147 | 147 | 145 | 105 | | |
| 50/ 49 | .3 | 2.0 | 2.3 | 1.0 | .6 | .2 | | | | | | | | | | | | 171 | 173 | 128 | 115 | | |
| 48/ 47 | .3 | 1.7 | 2.0 | 1.1 | 1.2 | .1 | | | | | | | | | | | | 170 | 171 | 149 | 120 | | |
| 46/ 45 | .3 | 2.1 | 1.6 | 1.2 | .7 | .2 | | | | | | | | | | | | 163 | 171 | 152 | 116 | | |
| 44/ 43 | .5 | 1.4 | 1.9 | 1.3 | .9 | .0 | | | | | | | | | | | | 173 | 178 | 159 | 122 | | |
| 42/ 41 | .3 | 1.5 | 1.3 | 1.0 | .6 | .0 | | | | | | | | | | | | 124 | 124 | 152 | 126 | | |
| 40/ 39 | .4 | 1.6 | .9 | .3 | .7 | | | | | | | | | | | | | 116 | 116 | 168 | 135 | | |
| 38/ 37 | .3 | 1.1 | .9 | 1.1 | .2 | | | | | | | | | | | | | 93 | 93 | 131 | 116 | | |
| 36/ 35 | .2 | 1.0 | .7 | .5 | .1 | | | | | | | | | | | | | 67 | 67 | 112 | 111 | | |
| 34/ 33 | .1 | .6 | .5 | .5 | .1 | | | | | | | | | | | | | 48 | 48 | 94 | 104 | | |
| 32/ 31 | .1 | .3 | .5 | .6 | .0 | | | | | | | | | | | | | 40 | 40 | 63 | 94 | | |
| 30/ 29 | .1 | .0 | .3 | .3 | | | | | | | | | | | | | | 20 | 20 | 38 | 86 | | |
| 28/ 27 | | | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | 30 | 58 | | |
| 26/ 25 | | .1 | .2 | .1 | | | | | | | | | | | | | | 9 | 9 | 28 | 59 | | |
| 24/ 23 | | .0 | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 14 | 36 | | |
| 22/ 21 | | .0 | .2 | | | | | | | | | | | | | | | 5 | 5 | 5 | 37 | | |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 5 | 30 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 5 | 21 | | |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 23 | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 17 | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 18 | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

MONTH

2100-2300

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-66,74
YEARS

FEB
MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | .4 | | .1 | | | | | | | | | | | | | | 11 | 11 | | |
| 70/ 69 | .1 | 2.0 | .5 | .1 | | | | | | | | | | | | | | 56 | 56 | 25 | 11 |
| 68/ 67 | .8 | 1.8 | .6 | .1 | | | | | | | | | | | | | | 67 | 67 | 59 | 62 |
| 66/ 65 | 1.4 | 2.7 | .8 | .1 | .1 | | | | | | | | | | | | | 92 | 93 | 93 | 73 |
| 64/ 63 | 2.0 | 4.1 | .9 | .4 | | | | .0 | | | | | | | | | | 150 | 150 | 116 | 105 |
| 62/ 61 | 2.0 | 4.0 | .7 | .3 | .2 | | | | | | | | | | | | | 158 | 158 | 149 | 143 |
| 60/ 59 | 2.1 | 3.4 | 1.0 | .6 | .3 | | .0 | | | | | | | | | | | 152 | 152 | 129 | 142 |
| 58/ 57 | .1 | 2.2 | 1.2 | .5 | .2 | .2 | .0 | .0 | | | | | | | | | | 129 | 129 | 108 | 85 |
| 56/ 55 | 1.3 | 2.4 | 1.2 | .5 | .4 | .3 | .0 | | | | | | | | | | | 126 | 126 | 120 | 106 |
| 54/ 53 | 1.0 | 2.3 | 1.1 | .9 | .5 | .7 | .1 | | | | | | | | | | | 159 | 159 | 114 | 90 |
| 52/ 51 | .2 | 2.4 | 1.5 | 1.7 | .9 | .2 | | | | | | | | | | | | 142 | 142 | 102 | 111 |
| 50/ 49 | .6 | 2.0 | 1.6 | 1.4 | .5 | .0 | | | | | | | | | | | | 143 | 143 | 101 | 85 |
| 48/ 47 | .2 | 1.7 | 1.0 | 1.2 | .4 | .2 | | | | | | | | | | | | 109 | 111 | 140 | 96 |
| 46/ 45 | .4 | 2.0 | .9 | .8 | .4 | | | | | | | | | | | | | 92 | 93 | 144 | 80 |
| 44/ 43 | .0 | 1.9 | .8 | 1.3 | .1 | | | | | | | | | | | | | 95 | 95 | 123 | 104 |
| 42/ 41 | .2 | 1.1 | 1.4 | .9 | .4 | | | | | | | | | | | | | 83 | 83 | 107 | 98 |
| 40/ 39 | .1 | .8 | 1.8 | .8 | .3 | .0 | | | | | | | | | | | | 80 | 80 | 70 | 96 |
| 38/ 37 | .2 | .7 | .4 | .6 | .1 | | | | | | | | | | | | | 43 | 43 | 79 | 80 |
| 36/ 35 | .1 | .4 | .7 | 1.0 | .1 | | | | | | | | | | | | | 49 | 49 | 66 | 81 |
| 34/ 33 | .2 | .2 | .9 | .8 | | | | | | | | | | | | | | 44 | 44 | 44 | 67 |
| 32/ 31 | .1 | .1 | .4 | .2 | | | | | | | | | | | | | | 19 | 19 | 48 | 60 |
| 30/ 29 | .1 | .2 | .3 | .2 | | | | | | | | | | | | | | 18 | 18 | 50 | 45 |
| 28/ 27 | .0 | | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 18 | 39 |
| 26/ 25 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 36 |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 36 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 15 |
| 18/ 17 | | .2 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 26 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 3 | 6 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| Element (X) | ΣX ² | | ΣX | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-2-5 (OL. A) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 4

0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FEB

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

Feb

MONTH

0300-0500

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 4/ 3 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 1 | |
| TOTAL | 18.9 | 40.7 | 24.0 | 11.9 | 3.0 | .7 | .3 | | | | | | | | | | | | 2150 | 2159 | 2150 | |
| | | | | | | | | | | | | | | | | | | 2150 | | 2150 | | |
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3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13320 KEESSLER AFB MISSISSIPPI/BILOXI

43-74

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 74/ 73 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 72/ 71 | | .3 | .2 | | | | | | | | | | | | | | | 13 | 13 | 1 | | | | |
| 70/ 69 | .1 | 1.1 | .5 | | | | | | | | | | | | | | | 45 | 45 | 16 | 10 | | | |
| 68/ 67 | .5 | 1.7 | .5 | | | | | | | | | | | | | | | 71 | 73 | 60 | 52 | | | |
| 66/ 65 | 1.4 | 2.6 | .5 | | .0 | | | | | | | | | | | | | 119 | 125 | 101 | 92 | | | |
| 64/ 63 | 1.2 | 3.0 | 1.1 | .2 | .1 | | | | | | | | | | | | | 149 | 151 | 119 | 98 | | | |
| 62/ 61 | 1.6 | 3.4 | .9 | .1 | | .1 | | | | | | | | | | | | 159 | 159 | 143 | 134 | | | |
| 60/ 59 | 1.4 | 3.2 | 1.2 | .3 | .2 | | | | | | | | | | | | | 166 | 166 | 151 | 148 | | | |
| 58/ 57 | 1.3 | 2.6 | .9 | .4 | .1 | | | | | | | | | | | | | 143 | 143 | 141 | 128 | | | |
| 56/ 55 | .9 | 2.6 | .8 | .5 | .2 | .1 | | | | | | | | | | | | 135 | 137 | 137 | 123 | | | |
| 54/ 53 | .8 | 2.7 | 1.3 | .9 | .6 | .2 | | | | | | | | | | | | 173 | 173 | 111 | 119 | | | |
| 52/ 51 | .5 | 2.4 | 1.1 | .8 | .6 | .1 | | | | | | | | | | | | 145 | 145 | 139 | 101 | | | |
| 50/ 49 | .4 | 1.9 | 1.7 | .9 | .7 | .2 | | | | | | | | | | | | 153 | 153 | 113 | 122 | | | |
| 48/ 47 | .3 | 2.4 | 1.9 | .9 | .6 | | | | | | | | | | | | | 161 | 161 | 137 | 102 | | | |
| 46/ 45 | .7 | 2.0 | 2.2 | 1.4 | .5 | .1 | | | | | | | | | | | | 181 | 182 | 162 | 109 | | | |
| 44/ 43 | .4 | 1.3 | 2.5 | 1.4 | .3 | | .1 | | | | | | | | | | | 162 | 164 | 160 | 124 | | | |
| 42/ 41 | .3 | 1.0 | 2.5 | .7 | .2 | .1 | | | | | | | | | | | | 128 | 128 | 139 | 96 | | | |
| 40/ 39 | .2 | 1.5 | 1.9 | 1.1 | .4 | | | | | | | | | | | | | 134 | 134 | 155 | 108 | | | |
| 38/ 37 | .1 | 1.4 | .9 | .8 | .2 | .0 | | | | | | | | | | | | 91 | 91 | 162 | 113 | | | |
| 36/ 35 | .0 | .4 | 1.6 | .7 | .2 | | | | | | | | | | | | | 78 | 78 | 99 | 133 | | | |
| 34/ 33 | | 1.1 | 1.5 | .9 | | | | | | | | | | | | | | 93 | 93 | 86 | 127 | | | |
| 32/ 31 | .0 | .8 | 1.5 | .5 | | | | | | | | | | | | | | 73 | 73 | 104 | 119 | | | |
| 30/ 29 | .1 | .7 | .9 | .2 | | | | | | | | | | | | | | 49 | 49 | 77 | 74 | | | |
| 28/ 27 | | .3 | .3 | .2 | | | | | | | | | | | | | | 23 | 23 | 79 | 87 | | | |
| 26/ 25 | | .1 | .2 | | | | | | | | | | | | | | | 9 | 9 | 39 | 64 | | | |
| 24/ 23 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 13 | 68 | | | |
| 22/ 21 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 13 | 53 | | | |
| 20/ 19 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 42 | | | |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 1 | 35 | | | |
| 16/ 15 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 27 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 25 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

F L B
MONTH

0600-0800
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820
STATION

KLESLER AFB MISSISSIPPI/BILUXI
STATION NAME

43-74
YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|--------------------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | | Wet Bulb | Dew Point | |
| 78/ 77 | | | | .0 | .0 | | | | | | | | | | | | | 2 | 2 | | | |
| 76/ 75 | | | .2 | .1 | .1 | .0 | | | | | | | | | | | | 12 | 12 | | | |
| 74/ 73 | | | .8 | .6 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | 47 | 47 | | | |
| 72/ 71 | | .4 | .9 | .6 | .2 | .1 | | | .0 | | | | | | | | | 56 | 58 | 11 | | |
| 70/ 69 | .1 | .8 | 2.1 | .5 | .5 | .2 | .1 | .1 | .0 | | | | | | | | | 117 | 117 | 47 | 28 | |
| 68/ 67 | .3 | 1.9 | 2.4 | .9 | .4 | .2 | .1 | .1 | .0 | | | | | | | | | 172 | 176 | 98 | 56 | |
| 66/ 65 | .6 | 2.1 | 2.0 | 1.7 | .5 | .6 | .2 | .1 | .1 | | | | | | | | | 212 | 212 | 143 | 120 | |
| 64/ 63 | .4 | 2.1 | 1.9 | 1.3 | .6 | .5 | .4 | .3 | .1 | | | | | | | | | 213 | 215 | 152 | 139 | |
| 62/ 61 | .6 | 1.8 | 1.4 | 1.0 | .9 | .7 | .4 | .3 | | | | | | | | | | 189 | 189 | 161 | 131 | |
| 60/ 59 | .5 | 1.6 | 1.9 | 1.4 | 1.4 | .7 | .5 | .6 | .0 | | | | | | | | | 230 | 231 | 183 | 144 | |
| 58/ 57 | .4 | 1.5 | 1.1 | 1.0 | 1.0 | 1.1 | .7 | .3 | | | | | | | | | | 190 | 190 | 152 | 145 | |
| 56/ 55 | .3 | 1.1 | 1.3 | 1.2 | 1.1 | 1.2 | .6 | .1 | .1 | | | | | | | | | 184 | 185 | 157 | 134 | |
| 54/ 53 | .6 | 1.3 | .9 | .9 | 1.1 | .9 | .4 | .0 | .0 | | | | | | | | | 150 | 150 | 150 | 113 | |
| 52/ 51 | .2 | .8 | .8 | .9 | 1.4 | .9 | .3 | .1 | | | | | | | | | | 147 | 148 | 177 | 106 | |
| 50/ 49 | .2 | .6 | .8 | 1.8 | 1.0 | 1.0 | .4 | .1 | .0 | | | | | | | | | 157 | 157 | 152 | 132 | |
| 48/ 47 | .1 | .7 | .8 | 1.2 | 1.0 | .6 | .2 | .0 | | | | | | | | | | 125 | 125 | 145 | 102 | |
| 46/ 45 | .1 | .6 | .6 | .8 | .7 | .6 | .1 | | | | | | | | | | | 98 | 98 | 171 | 123 | |
| 44/ 43 | | .1 | .7 | .7 | .8 | .5 | .0 | | | | | | | | | | | 78 | 78 | 159 | 107 | |
| 42/ 41 | .1 | .4 | .7 | .4 | .9 | .4 | | | | | | | | | | | | 76 | 76 | 105 | 79 | |
| 40/ 39 | | .3 | .4 | .7 | .9 | .2 | | | | | | | | | | | | 66 | 66 | 122 | 89 | |
| 38/ 37 | | .1 | .4 | .8 | .6 | | | | | | | | | | | | | 50 | 50 | 83 | 111 | |
| 36/ 35 | .0 | .1 | .4 | .6 | .4 | | | | | | | | | | | | | 44 | 44 | 88 | 138 | |
| 34/ 33 | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | 24 | 24 | 63 | 104 | |
| 32/ 31 | | .1 | .3 | .1 | .0 | | | | | | | | | | | | | 15 | 15 | 74 | 101 | |
| 30/ 29 | | .0 | .0 | .2 | | | | | | | | | | | | | | 7 | 7 | 40 | 71 | |
| 28/ 27 | .1 | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | 21 | 60 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 11 | 63 | |
| 24/ 23 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 51 | |
| 22/ 21 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 1 | 63 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 39 | |
| 18/ 17 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 1 | 35 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 28 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 27 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 17 | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILUXI

43-74

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|--------------------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | | Wet Bulb | Dew Point | |
| 80/ 79 | | | | .0 | .0 | .1 | | | | | | | | | | | | 4 | 4 | | | |
| 78/ 77 | | | | .4 | .1 | | | | | | .0 | | | | | | | 13 | 13 | | | |
| 76/ 75 | | | .1 | .9 | .1 | .1 | .0 | | .1 | .1 | .0 | .0 | | | | | | 41 | 41 | | | |
| 74/ 73 | | | .9 | 1.2 | .5 | .2 | .2 | .1 | .0 | | | .0 | | | | | | 83 | 83 | 3 | | |
| 72/ 71 | | .4 | 1.5 | 1.5 | .7 | .4 | .2 | .1 | .2 | .1 | .0 | | | | | | | 141 | 141 | 25 | 1 | |
| 70/ 69 | .1 | .7 | 2.3 | 1.6 | .7 | .6 | .3 | .1 | .4 | .3 | .1 | | | | | | | 198 | 198 | 76 | 36 | |
| 68/ 67 | .1 | 1.3 | 2.8 | 2.2 | 1.5 | .7 | .4 | .4 | .4 | .0 | | | | | | | | 255 | 255 | 107 | 72 | |
| 66/ 65 | .2 | 1.7 | 1.8 | 2.5 | 1.0 | 1.0 | .8 | .2 | .3 | .2 | | | | | | | | 258 | 258 | 179 | 118 | |
| 64/ 63 | .3 | 1.2 | 1.4 | 1.3 | 1.3 | 1.2 | .6 | .6 | .6 | .1 | .0 | | | | | | | 229 | 229 | 178 | 144 | |
| 62/ 61 | .3 | 1.2 | 1.0 | 1.3 | 1.6 | 1.5 | 1.0 | .6 | .4 | | | | | | | | | 239 | 239 | 189 | 142 | |
| 60/ 59 | .2 | 1.1 | .9 | .7 | 1.8 | 1.3 | 1.0 | .7 | .3 | .1 | | | | | | | | 216 | 217 | 205 | 160 | |
| 58/ 57 | .2 | .6 | .7 | .9 | 1.4 | .9 | .9 | .6 | .0 | | | | | | | | | 168 | 169 | 146 | 172 | |
| 56/ 55 | .1 | .7 | .7 | 1.2 | .9 | .8 | 1.0 | .6 | .2 | .0 | | | | | | | | 167 | 167 | 173 | 138 | |
| 54/ 53 | .3 | .5 | .6 | .7 | 1.1 | 1.0 | 1.0 | .6 | .1 | | | | | | | | | 153 | 153 | 181 | 100 | |
| 52/ 51 | .1 | .4 | .3 | .6 | .7 | .9 | .7 | .2 | | | | | | | | | | 106 | 106 | 188 | 105 | |
| 50/ 49 | .1 | .4 | .5 | .5 | .7 | .7 | .9 | .1 | | | | | | | | | | 106 | 106 | 176 | 115 | |
| 48/ 47 | .3 | .2 | .3 | .6 | .6 | .9 | .4 | | | | | | | | | | | 88 | 88 | 176 | 118 | |
| 46/ 45 | .6 | .1 | .2 | .4 | .4 | .6 | .4 | | | | | | | | | | | 59 | 59 | 129 | 143 | |
| 44/ 43 | | .2 | .4 | .5 | .6 | .5 | .1 | | | | | | | | | | | 64 | 64 | 111 | 102 | |
| 42/ 41 | .0 | .2 | .3 | .1 | .3 | .3 | | | | | | | | | | | | 32 | 32 | 120 | 105 | |
| 40/ 39 | | .0 | .3 | .2 | .3 | .1 | | | | | | | | | | | | 26 | 26 | 100 | 110 | |
| 38/ 37 | | | .1 | .1 | .2 | | | | | | | | | | | | | 11 | 11 | 86 | 87 | |
| 36/ 35 | | .1 | .1 | .0 | | | | | | | | | | | | | | 7 | 7 | 62 | 94 | |
| 34/ 33 | | .0 | .0 | .1 | .0 | | | | | | | | | | | | | 6 | 6 | 30 | 92 | |
| 32/ 31 | | .2 | | .0 | | | | | | | | | | | | | | 6 | 6 | 20 | 78 | |
| 30/ 29 | | .0 | .0 | .0 | | | | | | | | | | | | | | 3 | 3 | 14 | 78 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 4 | 71 | |
| 26/ 25 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 2 | 47 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 65 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 50 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 35 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 33 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 27 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

FLB
MON

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 111-1A

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KRESLER AFB MISSISSIPPI/BILUXI 43-74

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|------|-----------|----------|----------|-----------|--------|--|--|--------|--|--|--------|--|--|--------|--|--|-------|--|--|
| | C | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 80/ 79 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | .0 | | .0 | .1 | .0 | | .0 | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | .1 | .4 | .1 | .0 | .0 | | | .1 | | .0 | | | | | | 25 | 25 | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | .9 | .3 | .1 | .1 | | | .0 | .1 | .1 | | | | | | | 44 | 44 | 2 | | | | | | | | | | | | | | | | |
| 72/ 71 | .1 | .6 | 1.6 | .7 | .4 | .2 | .1 | .1 | .0 | .1 | .1 | .0 | | | | | | 107 | 107 | 11 | 2 | | | | | | | | | | | | | | | |
| 70/ 69 | .1 | 1.2 | 2.3 | 1.3 | 1.0 | .3 | .2 | .3 | .3 | .1 | .1 | | | | | | | 192 | 192 | 66 | 25 | | | | | | | | | | | | | | | |
| 68/ 67 | .1 | 1.7 | 2.3 | 1.6 | .8 | .2 | .3 | .4 | .3 | .1 | | | | | | | | 214 | 214 | 108 | 89 | | | | | | | | | | | | | | | |
| 66/ 65 | .4 | 2.0 | 2.5 | 1.9 | .9 | .7 | .5 | .4 | .2 | .1 | | | | | | | | 260 | 260 | 158 | 102 | | | | | | | | | | | | | | | |
| 64/ 63 | .5 | 1.9 | 2.2 | 1.3 | 1.2 | .9 | .7 | .4 | .4 | .0 | .0 | | | | | | | 258 | 258 | 179 | 138 | | | | | | | | | | | | | | | |
| 62/ 61 | .2 | 2.1 | 1.2 | 1.4 | 1.3 | 1.6 | .7 | .6 | .5 | .1 | | | | | | | | 257 | 258 | 197 | 153 | | | | | | | | | | | | | | | |
| 60/ 59 | .4 | 1.4 | 1.2 | 2.0 | 1.9 | 1.3 | 1.0 | .7 | .2 | .0 | | | | | | | | 274 | 274 | 209 | 172 | | | | | | | | | | | | | | | |
| 58/ 57 | .1 | 1.0 | 1.0 | 1.5 | 1.5 | .7 | .7 | .6 | .1 | .0 | | | | | | | | 198 | 198 | 149 | 177 | | | | | | | | | | | | | | | |
| 56/ 55 | .1 | .7 | 1.0 | 1.5 | 1.7 | 1.0 | .8 | .7 | .1 | | | | | | | | | 201 | 201 | 189 | 113 | | | | | | | | | | | | | | | |
| 54/ 53 | .1 | .4 | .9 | .8 | 1.1 | .7 | .8 | .3 | .0 | | | | | | | | | 140 | 140 | 189 | 112 | | | | | | | | | | | | | | | |
| 52/ 51 | .1 | .1 | .4 | .6 | .9 | .9 | .9 | .1 | .0 | | | | | | | | | 107 | 107 | 204 | 124 | | | | | | | | | | | | | | | |
| 50/ 49 | .1 | .4 | .3 | .4 | 1.0 | .8 | .6 | .1 | | | | | | | | | | 100 | 100 | 194 | 113 | | | | | | | | | | | | | | | |
| 48/ 47 | .2 | .5 | .6 | .4 | .7 | .9 | .3 | | | | | | | | | | | 97 | 97 | 167 | 126 | | | | | | | | | | | | | | | |
| 46/ 45 | .1 | .3 | .6 | .4 | .6 | .7 | .1 | | | | | | | | | | | 75 | 75 | 145 | 133 | | | | | | | | | | | | | | | |
| 44/ 43 | | .4 | .4 | .2 | .6 | .3 | .0 | | | | | | | | | | | 53 | 53 | 120 | 137 | | | | | | | | | | | | | | | |
| 42/ 41 | | .1 | .3 | .1 | .3 | .0 | | | | | | | | | | | | 19 | 19 | 124 | 121 | | | | | | | | | | | | | | | |
| 40/ 39 | | .1 | .2 | .1 | .2 | .1 | | | | | | | | | | | | 20 | 20 | 98 | 105 | | | | | | | | | | | | | | | |
| 38/ 37 | | .0 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 12 | 12 | 72 | 84 | | | | | | | | | | | | | | | |
| 36/ 35 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 6 | 6 | 47 | 97 | | | | | | | | | | | | | | | |
| 34/ 33 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 28 | 91 | | | | | | | | | | | | | | | |
| 32/ 31 | | .0 | | | .0 | | | | | | | | | | | | | 2 | 2 | 8 | 78 | | | | | | | | | | | | | | | |
| 30/ 29 | | .1 | | .1 | | | | | | | | | | | | | | 6 | 6 | 10 | 80 | | | | | | | | | | | | | | | |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 3 | 49 | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 52 | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 57 | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 54 | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 28 | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | | | ≤ 32 F | | | ≥ 67 F | | | ≥ 73 F | | | ≥ 80 F | | | ≥ 93 F | | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE: 2 1500-1700
HOURS (L. S. T.)

[illegible]

FORM
JUL 64

FORM JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLESNER AFB MISSISSIPPI/BILUXI 43-74

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | 3 | 3 | | | | | |
| 74/ 73 | | | .3 | .1 | | | | | | | | | | | | | | 9 | 9 | | | | | |
| 72/ 71 | | .6 | .6 | .1 | .0 | | | | .0 | | | | | | | | | 36 | 36 | | | | | |
| 70/ 69 | .1 | 2.1 | .5 | | .1 | | .0 | | .0 | | | | | | | | | 76 | 76 | 42 | 17 | | | |
| 68/ 67 | .2 | 2.7 | 1.4 | .4 | .1 | | | .0 | .0 | | | | | | | | | 129 | 129 | 96 | 80 | | | |
| 66/ 65 | .9 | 3.3 | 1.7 | .7 | .1 | .1 | | | .1 | | | | | | | | | 186 | 186 | 111 | 113 | | | |
| 64/ 63 | .7 | 4.1 | 1.9 | .9 | .1 | .3 | .2 | .3 | | | | | | | | | | 232 | 232 | 162 | 122 | | | |
| 62/ 61 | .9 | 3.9 | 1.9 | .8 | .4 | .6 | .4 | .2 | | | | | | | | | | 244 | 244 | 169 | 154 | | | |
| 60/ 59 | .6 | 3.1 | 1.8 | 1.1 | 1.0 | .7 | .5 | .1 | | | | | | | | | | 236 | 236 | 191 | 180 | | | |
| 58/ 57 | .4 | 2.2 | 2.6 | 1.6 | .7 | .9 | .4 | .0 | .0 | | | | | | | | | 237 | 237 | 173 | 151 | | | |
| 56/ 55 | .3 | 1.8 | 2.2 | 1.9 | 1.7 | 1.0 | .3 | .1 | | | | | | | | | | 246 | 247 | 144 | 142 | | | |
| 54/ 53 | .3 | 1.0 | 1.0 | 2.0 | .9 | .7 | .3 | .1 | | | | | | | | | | 186 | 187 | 168 | 124 | | | |
| 52/ 51 | .2 | .6 | 1.7 | 2.1 | 1.0 | .7 | .4 | .0 | | | | | | | | | | 181 | 181 | 199 | 123 | | | |
| 50/ 49 | .1 | .7 | 1.5 | 1.2 | 1.2 | .9 | .3 | | | | | | | | | | | 156 | 156 | 171 | 110 | | | |
| 48/ 47 | .2 | 1.0 | 1.2 | 1.0 | 1.1 | .6 | .1 | | | | | | | | | | | 140 | 140 | 223 | 108 | | | |
| 46/ 45 | .1 | .7 | .7 | .8 | 1.3 | .3 | | | | | | | | | | | | 102 | 102 | 173 | 155 | | | |
| 44/ 43 | | .2 | 1.0 | .6 | .7 | .3 | | | | | | | | | | | | 78 | 78 | 129 | 138 | | | |
| 42/ 41 | | .2 | .6 | .8 | .6 | .1 | | | | | | | | | | | | 61 | 61 | 114 | 116 | | | |
| 40/ 39 | .0 | .4 | .5 | .8 | .5 | | | | | | | | | | | | | 59 | 59 | 115 | 120 | | | |
| 38/ 37 | .0 | .2 | .2 | .4 | .2 | | | | | | | | | | | | | 30 | 30 | 94 | 123 | | | |
| 36/ 35 | | .2 | .2 | .3 | | .0 | | | | | | | | | | | | 20 | 20 | 65 | 104 | | | |
| 34/ 33 | .1 | .1 | .0 | .1 | .1 | | | | | | | | | | | | | 13 | 13 | 54 | 85 | | | |
| 32/ 31 | | .0 | .0 | | .0 | | | | | | | | | | | | | 3 | 3 | 32 | 67 | | | |
| 30/ 29 | .0 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 14 | 81 | | | |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 51 | | | |
| 26/ 25 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 3 | 55 | | | |
| 24/ 23 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | | 51 | | | |
| 22/ 21 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 37 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 28 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 18 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Element (X) | Σ X' | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1800-2000

1000-2000
HOURS (L.S.V.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESELER AFB MISSISSIPPI/BILUXI 43-74

FeB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|-----|------------|-----|----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 74/ 73 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 72/ 71 | | .5 | .3 | .2 | | | | | | | | | | | | | | 26 | 26 | | | | | |
| 70/ 69 | .2 | 1.9 | .2 | .0 | | | | | | | | | | | | | | 57 | 57 | 31 | 14 | | | |
| 68/ 67 | .9 | 2.4 | .6 | | .0 | | | | | | | | | | | | | 86 | 86 | 88 | 79 | | | |
| 66/ 65 | 1.5 | 3.7 | 1.0 | .1 | .2 | | | | | | | | | | | | | 145 | 145 | 101 | 83 | | | |
| 64/ 63 | 1.3 | 4.4 | 1.5 | .2 | .0 | .1 | | | | | | | | | | | | 185 | 185 | 131 | 121 | | | |
| 62/ 61 | 1.6 | 3.8 | 1.3 | .4 | .1 | .2 | | | | | | | | | | | | 187 | 188 | 187 | 157 | | | |
| 60/ 59 | 1.4 | 3.9 | 1.6 | .6 | .4 | .2 | .3 | | | | | | | | | | | 207 | 208 | 162 | 172 | | | |
| 58/ 57 | .8 | 3.6 | 1.5 | .9 | .5 | .4 | .1 | | | | | | | | | | | 193 | 193 | 154 | 132 | | | |
| 56/ 55 | .4 | 2.1 | 1.8 | 1.3 | .9 | .0 | .2 | | | | | | | | | | | 180 | 180 | 143 | 125 | | | |
| 54/ 53 | .0 | 2.7 | 1.9 | 1.5 | 1.0 | .6 | .1 | | | | | | | | | | | 203 | 203 | 12 | 119 | | | |
| 52/ 51 | .4 | 1.7 | 1.8 | 1.1 | .6 | .5 | .0 | | | | | | | | | | | 152 | 153 | 146 | 118 | | | |
| 50/ 49 | .3 | 1.6 | 2.2 | 1.3 | 1.0 | .4 | .1 | | | | | | | | | | | 166 | 168 | 155 | 113 | | | |
| 48/ 47 | .1 | 2.1 | 1.5 | 1.1 | 1.1 | .4 | .1 | | | | | | | | | | | 100 | 160 | 169 | 103 | | | |
| 46/ 45 | .4 | 1.6 | 1.6 | .9 | .6 | .3 | | | | | | | | | | | | 132 | 132 | 123 | 120 | | | |
| 44/ 43 | .0 | .9 | 1.0 | .8 | .7 | .0 | | | | | | | | | | | | 35 | 85 | 134 | 140 | | | |
| 42/ 41 | .3 | .6 | 1.0 | .3 | .6 | .0 | | | | | | | | | | | | 76 | 76 | 110 | 128 | | | |
| 40/ 39 | | .0 | .7 | 1.1 | .4 | | | | | | | | | | | | | 71 | 71 | 93 | 89 | | | |
| 38/ 37 | .0 | .8 | .2 | 1.1 | .3 | | | | | | | | | | | | | 58 | 58 | 102 | 88 | | | |
| 36/ 35 | | .2 | .4 | .5 | .2 | | | | | | | | | | | | | 32 | 32 | 68 | 101 | | | |
| 34/ 33 | .1 | .5 | .4 | .2 | .0 | | | | | | | | | | | | | 31 | 31 | 54 | 90 | | | |
| 32/ 31 | .0 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | 12 | 12 | 56 | 74 | | | |
| 30/ 29 | | .2 | .1 | | .0 | | | | | | | | | | | | | 9 | 9 | 27 | 51 | | | |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 10 | 41 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 8 | 49 | | | |
| 24/ 23 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 2 | 59 | | | |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 33 | | | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 22 | | | |
| 18/ 17 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 21 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 6 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Element (X) | ΣA^2 | | ΣX | | Σ | | ΣA | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | ≥ 60° | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 67 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 9.4 | 40.1 | 22.8 | 14.3 | 8.6 | 3.6 | 1.0 | | | | | | | | | | | | 2469 | | 2464 |
| | | | | | | | | | | | | | | | | | | 2464 | | 2464 | |
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2

1

MAR

YEARS

MONTH

HOURS (L, S, T.)

USAFETAC
FORM
JUL 64
0-26-5 (JL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

43-65, 69-72

MAR

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43-73

MAR

STATION NAME

YEARS

PAGE 1

0600-0800

HCURS / L. S. T.)

[illegible]

FORM
0-26.5 (01-A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13020

KEESLER AFB MISSISSIPPI/BILUXI

43-73

MAR

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 80/ 79 | | | | .1 | | .0 | .0 | .0 | .1 | | .1 | | | | | | | 10 | 10 | | |
| 78/ 77 | | | .1 | .4 | .1 | .1 | .0 | .0 | | .0 | | | | | | | | 23 | 23 | | |
| 76/ 75 | | .0 | 1.2 | 1.0 | .2 | .2 | | .2 | .1 | .1 | .0 | | | | | | | 85 | 85 | | |
| 74/ 73 | | .4 | 2.1 | 1.3 | .3 | .1 | .2 | .1 | .1 | .1 | .1 | | .0 | | | | | 139 | 139 | 14 | 1 |
| 72/ 71 | .1 | 1.4 | 2.0 | 1.6 | .7 | .6 | .2 | .3 | .2 | .1 | .1 | | | | | | | 211 | 211 | 79 | 29 |
| 70/ 69 | .3 | 2.1 | 2.1 | 2.3 | 1.3 | .5 | .7 | .3 | .2 | .2 | | | | | | | | 286 | 286 | 154 | 114 |
| 68/ 67 | .2 | 2.3 | 2.2 | 1.8 | .9 | .8 | .7 | .5 | .3 | .1 | | | | | | | | 282 | 282 | 178 | 156 |
| 66/ 65 | .8 | 2.6 | 1.6 | 1.5 | 1.0 | 1.0 | .8 | .7 | .2 | .1 | | | | | | | | 296 | 296 | 233 | 171 |
| 64/ 63 | .7 | 1.8 | 1.4 | 1.1 | 1.0 | 1.0 | 1.0 | .6 | .2 | .1 | | | | | | | | 259 | 259 | 236 | 196 |
| 62/ 61 | .4 | 1.7 | 1.2 | .8 | .7 | 1.0 | 1.0 | .7 | .2 | | | | | | | | | 222 | 222 | 219 | 184 |
| 60/ 59 | .1 | 1.4 | .6 | .7 | 1.0 | 1.0 | .7 | .6 | .1 | | | | | | | | | 178 | 178 | 196 | 178 |
| 58/ 57 | .1 | 1.1 | .5 | .9 | 1.2 | 1.1 | 1.0 | .6 | .0 | | | | | | | | | 189 | 189 | 189 | 149 |
| 56/ 55 | .1 | .5 | .7 | .8 | .9 | .9 | .9 | .6 | .0 | | | | | | | | | 156 | 156 | 170 | 163 |
| 54/ 53 | .1 | .6 | .5 | .6 | .8 | .7 | .8 | .1 | | | | | | | | | | 123 | 123 | 155 | 100 |
| 52/ 51 | .0 | .3 | .3 | .6 | .9 | .9 | .6 | .1 | | | | | | | | | | 106 | 106 | 178 | 96 |
| 50/ 49 | .0 | .2 | .3 | .3 | .5 | 1.0 | .3 | | | | | | | | | | | 77 | 77 | 170 | 107 |
| 48/ 47 | | .1 | .2 | .5 | .5 | .3 | .2 | | | | | | | | | | | 53 | 53 | 148 | 105 |
| 46/ 45 | | .1 | .3 | .3 | .6 | .3 | .1 | | | | | | | | | | | 56 | 56 | 109 | 112 |
| 44/ 43 | | .2 | .2 | .3 | .7 | .2 | | | | | | | | | | | | 45 | 45 | 111 | 119 |
| 42/ 41 | | .4 | .2 | .5 | .3 | .2 | | | | | | | | | | | | 43 | 43 | 103 | 95 |
| 40/ 39 | .0 | .0 | .1 | .1 | .1 | .0 | | | | | | | | | | | | 14 | 14 | 88 | 121 |
| 38/ 37 | | .0 | | .2 | .1 | | | | | | | | | | | | | 8 | 8 | 56 | 97 |
| 36/ 35 | | .0 | | .2 | .1 | | | | | | | | | | | | | 8 | 8 | 49 | 87 |
| 34/ 33 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 15 | 80 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 13 | 73 |
| 30/ 29 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 6 | 76 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 71 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 58 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 41 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 23 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 30 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 12 |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Ref. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

MAR

STATION

STATION NAME

YEARS

PAGE 2

MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

0-26.5 (QLA)

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KESLER AFB MISSISSIPPI/BILOXI

43-73

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 90/ 89 | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | | | | |
| 88/ 87 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | | | | |
| 86/ 85 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | | | | |
| 84/ 83 | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | | | | |
| 82/ 81 | | | | | .0 | | .1 | .0 | | | .0 | .0 | | | | | | 8 | 8 | | | | | |
| 80/ 79 | | | | .3 | .4 | .2 | .1 | .0 | .1 | .0 | .0 | .1 | .1 | | | | | 41 | 41 | | | | | |
| 78/ 77 | | .0 | .5 | 1.3 | .4 | .2 | .1 | .1 | .2 | .1 | .0 | .1 | .0 | | | | | 88 | 88 | | | | | |
| 76/ 75 | | .0 | 1.4 | 2.1 | .6 | .3 | .2 | .4 | .3 | .1 | .2 | .1 | .1 | | | | | 160 | 160 | 2 | | | | |
| 74/ 73 | | .6 | 1.9 | 2.0 | 1.2 | .3 | .2 | .4 | .1 | .2 | .3 | .1 | .0 | | | | | 209 | 209 | 33 | 2 | | | |
| 72/ 71 | | .7 | 2.1 | 2.3 | 1.6 | 1.0 | .7 | .3 | .3 | .4 | .2 | | | | | | | 275 | 275 | 134 | 41 | | | |
| 70/ 69 | .1 | 1.6 | 2.1 | 2.5 | 1.7 | .9 | 1.4 | 1.0 | .5 | .6 | .1 | | | | | | | 365 | 365 | 159 | 122 | | | |
| 68/ 67 | .2 | 1.6 | 1.4 | 1.5 | 1.5 | 1.4 | 1.0 | .8 | .4 | .3 | .0 | | | | | | | 294 | 294 | 217 | 174 | | | |
| 66/ 65 | .3 | 1.6 | 1.0 | 1.3 | 1.4 | 1.3 | 1.5 | .6 | .6 | .5 | | | | | | | | 284 | 284 | 235 | 194 | | | |
| 64/ 63 | .5 | 1.8 | 1.1 | .6 | 1.1 | 1.2 | .8 | .7 | .4 | .3 | | | | | | | | 242 | 242 | 233 | 187 | | | |
| 62/ 61 | .4 | 1.5 | .7 | .5 | .7 | 1.0 | 1.3 | .7 | .5 | .0 | | | | | | | | 211 | 211 | 236 | 195 | | | |
| 60/ 59 | .2 | .8 | .5 | .6 | .9 | 1.5 | .8 | .8 | .6 | .1 | | | | | | | | 193 | 193 | 225 | 175 | | | |
| 58/ 57 | .1 | .5 | .5 | .2 | .6 | .6 | .9 | .9 | .6 | | | | | | | | | 138 | 138 | 198 | 169 | | | |
| 56/ 55 | | .1 | .3 | .6 | .6 | .6 | .8 | .6 | .1 | | | | | | | | | 110 | 110 | 195 | 125 | | | |
| 54/ 53 | .0 | .5 | .2 | .3 | .3 | .4 | .6 | .3 | | | | | | | | | | 79 | 79 | 182 | 110 | | | |
| 52/ 51 | .0 | .3 | .1 | .3 | .1 | .5 | .3 | .1 | | | | | | | | | | 53 | 53 | 181 | 130 | | | |
| 50/ 49 | .0 | .1 | .1 | .1 | .2 | .3 | .1 | .0 | | | | | | | | | | 31 | 31 | 157 | 128 | | | |
| 48/ 47 | | .1 | .2 | .4 | .2 | .4 | .0 | | | | | | | | | | | 37 | 37 | 118 | 109 | | | |
| 46/ 45 | | | .1 | .1 | .3 | .2 | .0 | | | | | | | | | | | 21 | 21 | 107 | 104 | | | |
| 44/ 43 | | | .1 | .2 | .1 | .0 | | | | | | | | | | | | 12 | 12 | 93 | 113 | | | |
| 42/ 41 | .0 | .1 | .0 | .1 | .0 | | | | | | | | | | | | | 9 | 9 | 73 | 113 | | | |
| 40/ 39 | .0 | .1 | .0 | | | .0 | | | | | | | | | | | | 6 | 6 | 48 | 101 | | | |
| 38/ 37 | | | | .0 | .0 | | | | | | | | | | | | | 2 | 2 | 31 | 67 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 9 | 79 | | | |
| 34/ 33 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 69 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 3 | 64 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 66 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 68 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 52 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 35 | | | |
| Element (X) | ΣX^2 | | | ΣX | | | \bar{X} | | | σ_x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | > 73 F | > 80 F | ≥ 93 F | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

MONTH

PAGE 2 1200-1400

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

YEARS

MONTH

1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

43-73

MAR

STATION

STATION NAME

YEARS

PAGE 2

1500-1700

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 14 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 13 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.3 | 15.6 | 17.9 | 17.0 | 12.4 | 12.3 | 9.0 | 6.1 | 3.8 | 2.2 | 1.0 | .6 | .2 | .1 | | | | 2859 | 2862 | 2859 | |

PSYCHROMETRIC SUMMARY

MAR

YEARS

MONTH

HOURS (L, S, T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|--------------------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | | Dew Point | | | |
| 82/ 81 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | | |
| 78/ 77 | | | | .0 | .0 | .0 | | .0 | | | .0 | | | | | | | 5 | 5 | | | | | |
| 76/ 75 | | .1 | .4 | .1 | | | | | .1 | | | | | | | | | 20 | 20 | | | | | |
| 74/ 73 | | .8 | 1.1 | .2 | .0 | .0 | .1 | .0 | .1 | .1 | | | | | | | | 70 | 70 | 4 | | | | |
| 72/ 71 | | 2.3 | 1.4 | .2 | .1 | .1 | .0 | .1 | .1 | .1 | | | | | | | | 127 | 127 | 62 | | | | |
| 70/ 69 | .2 | 4.1 | 2.1 | .8 | .5 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | | | 245 | 245 | 133 | | | | |
| 68/ 67 | .6 | 4.5 | 3.5 | .7 | .4 | .4 | .2 | .3 | .1 | .1 | | | | | | | | 308 | 308 | 182 | | | | |
| 66/ 65 | .7 | 3.9 | 2.8 | 1.6 | 1.2 | .5 | .6 | .2 | .0 | | | | | | | | | 330 | 330 | 252 | | | | |
| 64/ 63 | .8 | 3.4 | 2.4 | 1.9 | 1.1 | .8 | .2 | .3 | .2 | | | | | | | | | 314 | 317 | 224 | | | | |
| 62/ 61 | .5 | 3.6 | 2.4 | 2.0 | 1.6 | .8 | .4 | .3 | .0 | | | | | | | | | 332 | 332 | 241 | | | | |
| 60/ 59 | .3 | 1.5 | 1.9 | 2.0 | 1.6 | .6 | .5 | .2 | .1 | | | | | | | | | 252 | 252 | 246 | | | | |
| 58/ 57 | .1 | 1.2 | 1.3 | 1.5 | 1.0 | 1.1 | .5 | .3 | .0 | | | | | | | | | 200 | 200 | 222 | | | | |
| 56/ 55 | .1 | .8 | .9 | .8 | 1.2 | 1.0 | .6 | .1 | | | | | | | | | | 162 | 162 | 223 | | | | |
| 54/ 53 | .0 | .4 | .7 | 1.3 | 1.0 | .6 | .5 | .1 | | | | | | | | | | 132 | 132 | 188 | | | | |
| 52/ 51 | | .5 | .9 | .9 | .5 | .6 | .3 | | | | | | | | | | | 103 | 103 | 163 | | | | |
| 50/ 49 | | .3 | .5 | .9 | .7 | .5 | .1 | | | | | | | | | | | 85 | 85 | 138 | | | | |
| 48/ 47 | .1 | .3 | .2 | .6 | .5 | .3 | .0 | | | | | | | | | | | 60 | 60 | 164 | | | | |
| 46/ 45 | | .0 | .6 | .5 | .3 | .2 | | | | | | | | | | | | 47 | 47 | 112 | | | | |
| 44/ 43 | .1 | .2 | .3 | .3 | .2 | | | | | | | | | | | | | 32 | 32 | 93 | | | | |
| 42/ 41 | .0 | .1 | .1 | .3 | .1 | | | | | | | | | | | | | 19 | 19 | 85 | | | | |
| 40/ 39 | | | .1 | .2 | .1 | | | | | | | | | | | | | 11 | 11 | 68 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 25 | | | | |
| 36/ 35 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 20 | | | | |
| 34/ 33 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 10 | | | | |
| 32/ 31 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 2 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

MAR

MONTH

1800-2000

[illegible]

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

43-74

MAR

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-25.5 (UL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE:

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KESLER AFB MISSISSIPPI/BILOXI 43-65,67-74

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------------|------|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 80/ 79 | | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | | | | |
| 78/ 77 | | .0 | 1.4 | .0 | | | | | | | | | | | | | | | 32 | 33 | | | | |
| 76/ 75 | | .9 | 3.1 | .2 | | | | | | | | | | | | | | | 90 | 92 | 6 | | | |
| 74/ 73 | .1 | 2.1 | 2.6 | 1.0 | .0 | | .0 | | | | | | | | | | | | 127 | 135 | 83 | 30 | | |
| 72/ 71 | .2 | 5.6 | 2.6 | .7 | .2 | | .0 | | | | | | | | | | | | 204 | 214 | 133 | 109 | | |
| 70/ 69 | .8 | 5.7 | 2.5 | .5 | .1 | .1 | | | | | | | | | | | | | 209 | 226 | 221 | 203 | | |
| 68/ 67 | 1.0 | 5.2 | 1.8 | .7 | .2 | .1 | | | | | | | | | | | | | 191 | 200 | 211 | 213 | | |
| 66/ 65 | 1.6 | 5.8 | 1.8 | .9 | .6 | .1 | .1 | .0 | | | | | | | | | | | 237 | 247 | 210 | 196 | | |
| 64/ 63 | .9 | 3.7 | 1.4 | 1.1 | .3 | .3 | | | | | | | | | | | | | 166 | 179 | 180 | 197 | | |
| 62/ 61 | .8 | 3.2 | 1.0 | .8 | .8 | .2 | .1 | | | | | | | | | | | | 149 | 153 | 153 | 162 | | |
| 60/ 59 | .5 | 2.6 | 1.4 | 1.3 | .3 | .3 | .0 | | | | | | | | | | | | 138 | 145 | 133 | 106 | | |
| 58/ 57 | .1 | 1.9 | 2.5 | 1.1 | .7 | .4 | | | | | | | | | | | | | 143 | 147 | 115 | 112 | | |
| 56/ 55 | | 1.9 | 1.0 | 1.1 | .4 | .2 | .0 | | | | | | | | | | | | 102 | 105 | 107 | 79 | | |
| 54/ 53 | .1 | 1.3 | 1.0 | .8 | .6 | .1 | | | | | | | | | | | | | 85 | 88 | 138 | 115 | | |
| 52/ 51 | | .7 | 1.3 | 1.6 | .6 | | | | | | | | | | | | | | 95 | 90 | 78 | 108 | | |
| 50/ 49 | | .5 | 1.0 | 1.2 | .2 | | | | | | | | | | | | | | 62 | 65 | 84 | 58 | | |
| 48/ 47 | | .3 | 1.3 | 1.0 | .5 | | | | | | | | | | | | | | 67 | 67 | 81 | 78 | | |
| 46/ 45 | | .2 | 1.0 | .2 | .1 | | | | | | | | | | | | | | 33 | 33 | 85 | 70 | | |
| 44/ 43 | | .1 | .3 | .2 | .0 | | | | | | | | | | | | | | 14 | 14 | 61 | 51 | | |
| 42/ 41 | | .0 | .2 | .2 | | | | | | | | | | | | | | | 10 | 10 | 38 | 62 | | |
| 40/ 39 | | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 20 | 79 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 12 | 44 | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 | 35 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 22 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 11 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| TOTAL | 6.2 | 41.7 | 29.2 | 14.7 | 5.9 | 1.8 | .5 | .0 | | | | | | | | | | | | | 2248 | | 2153 | |
| | | | | | | | | | | | | | | | | | | | 2154 | | 2154 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 15251974 | | 179206 | | 83.3 | | 12.234 | | 2151 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | 9170473 | | 142417 | | 63.4 | | 8.115 | | 2248 | | | | 36.2 | 10.5 | | | 90 | | | | | | | |
| Wet Bulb | 7978567 | | 129651 | | 60.2 | | 9.010 | | 2154 | | | | 27.3 | 3.7 | | | 90 | | | | | | | |
| Dew Po | 7463129 | | 124653 | | 57.9 | | 10.693 | | 2153 | | 1.0 | 23.2 | 1.3 | | | | 90 | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|---------|---------------------------------|
| 13820 | KEESLER, AFB MISSISSIPPI/BILOXI |
| STATION | STATION NAME |

43-74

APR

PAGE 1

0600-0800

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILUXI

43-74

APR

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0900-1100

HOURS (L. S. Y.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|----------|-----------|-----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 90/ 69 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | | | |
| 88/ 87 | | | | | | | | | | .0 | | .0 | | | | | | 2 | 2 | | | | | | |
| 86/ 85 | | | | | | | | | .1 | | .0 | .0 | | | .0 | | | 5 | 5 | | | | | | |
| 84/ 83 | | | | .1 | .3 | .1 | .2 | .1 | .1 | .0 | .0 | .1 | | | | | | 29 | 29 | | | | | | |
| 82/ 81 | | | .0 | .8 | 1.0 | .6 | .3 | .0 | .1 | .1 | .1 | | | | | | | 82 | 82 | | | | | | |
| 80/ 79 | | | .4 | 2.8 | 2.6 | 1.3 | .4 | .3 | .3 | .1 | .0 | .0 | | | | | | 223 | 227 | | | | | | |
| 78/ 77 | | .1 | 1.5 | 3.3 | 4.5 | .9 | .7 | .6 | .5 | .2 | .1 | | | .0 | | | | 336 | 350 | 8 | | | | | |
| 76/ 75 | | .6 | 2.7 | 3.8 | 2.8 | 1.1 | .9 | .4 | .3 | .2 | .0 | | | | | | | 352 | 365 | 58 | 6 | | | | |
| 74/ 73 | | .7 | 2.3 | 2.9 | 2.1 | 1.4 | 1.1 | .6 | .3 | .4 | | | | | | | | 332 | 354 | 210 | 65 | | | | |
| 72/ 71 | .0 | .7 | 2.6 | 2.4 | 1.7 | 1.1 | 1.0 | .5 | .6 | .2 | .1 | .0 | | | | | | 297 | 312 | 310 | 169 | | | | |
| 70/ 69 | .1 | 1.1 | 2.4 | 1.6 | 1.3 | .8 | 1.2 | .7 | .4 | .1 | .1 | | | | | | | 268 | 278 | 356 | 272 | | | | |
| 68/ 67 | .1 | .7 | 1.1 | .9 | 1.0 | 1.1 | 1.2 | .9 | .4 | .1 | | | | | | | | 204 | 212 | 302 | 285 | | | | |
| 66/ 65 | .1 | .9 | .6 | .5 | .8 | 1.1 | .9 | .7 | .4 | .1 | | | | | | | | 164 | 167 | 256 | 310 | | | | |
| 64/ 63 | .1 | .4 | .2 | .7 | .6 | .7 | .5 | .4 | .3 | | | | | | | | | 105 | 109 | 207 | 227 | | | | |
| 62/ 61 | | .5 | .5 | .3 | .4 | .5 | .7 | .3 | .1 | | | | | | | | | 90 | 90 | 169 | 157 | | | | |
| 60/ 59 | .0 | .1 | .4 | .1 | .4 | .7 | .6 | .4 | .1 | | | | | | | | | 79 | 79 | 144 | 151 | | | | |
| 58/ 57 | .0 | .2 | .1 | .1 | .3 | .5 | .5 | .1 | .0 | | | | | | | | | 51 | 51 | 162 | 101 | | | | |
| 56/ 55 | .0 | .1 | .1 | .1 | .2 | .4 | .4 | .1 | | | | | | | | | | 37 | 37 | 135 | 126 | | | | |
| 54/ 53 | | .1 | | .1 | .1 | .5 | .1 | | | | | | | | | | | 26 | 26 | 91 | 114 | | | | |
| 52/ 51 | .0 | .1 | | .1 | .1 | .2 | | | | | | | | | | | | 12 | 12 | 80 | 85 | | | | |
| 50/ 49 | | | | .0 | .1 | | | | | | | | | | | | | 3 | 3 | 78 | 87 | | | | |
| 48/ 47 | | .0 | .0 | .0 | | .0 | | | | | | | | | | | | 4 | 4 | 58 | 92 | | | | |
| 46/ 45 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 43 | 71 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 30 | 59 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | 1 | 5 | 61 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 58 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 53 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 46 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 33 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 25 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 21 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 17 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

43-74

APR

YEARS

PAGE 2

0900-1100

HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILUXI

43-74

APR

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1200-1400

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 94/ 93 | | | | | | | | | | | .1 | | | | | | | 2 | 2 | | | | |
| 92/ 91 | | | | | | | | | | .0 | | .0 | | | | | | 2 | 2 | | | | |
| 90/ 89 | | | | | | | | | | .0 | | | .0 | .0 | | | | 3 | 3 | | | | |
| 88/ 87 | | | | | | | | .0 | .0 | .0 | .1 | .1 | | .0 | | | | 8 | 8 | | | | |
| 86/ 85 | | | | | .1 | .3 | .3 | .1 | .1 | .1 | .1 | .0 | | | | | | 31 | 31 | | | | |
| 84/ 83 | | | | .4 | .8 | .7 | .4 | .2 | .1 | .0 | .0 | .1 | .0 | | | | | 77 | 77 | | | | |
| 82/ 81 | | | .2 | 1.2 | 2.4 | 1.8 | .7 | .2 | .4 | .2 | .1 | .2 | .0 | .0 | | | | 205 | 209 | | | | |
| 80/ 79 | | | .6 | 2.9 | 4.1 | 2.8 | .9 | .2 | .5 | .3 | .3 | .1 | .0 | .0 | | | | 344 | 358 | | | | |
| 78/ 77 | | .0 | 1.6 | 2.8 | 4.7 | 1.9 | 1.1 | .6 | .3 | .2 | .3 | .0 | | | | | | 368 | 393 | 29 | | | |
| 76/ 75 | | .3 | 2.4 | 2.4 | 3.5 | 1.6 | 1.4 | .7 | .5 | .4 | .4 | .0 | | | | | | 369 | 378 | 92 | 22 | | |
| 74/ 73 | | .4 | 1.3 | 2.6 | 2.3 | 1.7 | 1.1 | .8 | .6 | .3 | .2 | .1 | .0 | | | | | 310 | 320 | 270 | 84 | | |
| 72/ 71 | .0 | .7 | 1.8 | 1.2 | 1.6 | 1.6 | 1.6 | 1.2 | .4 | .4 | .2 | | | | | | | 289 | 298 | 351 | 180 | | |
| 70/ 69 | .1 | .6 | 1.6 | 1.0 | 1.0 | 1.1 | 1.5 | .6 | .7 | .4 | .1 | | | | | | | 234 | 244 | 349 | 275 | | |
| 68/ 67 | .1 | .5 | 1.0 | .4 | .4 | .7 | 1.1 | .5 | .6 | .4 | .0 | | | | | | | 156 | 159 | 304 | 303 | | |
| 66/ 65 | .1 | .8 | .3 | .6 | .4 | .5 | .7 | .7 | .7 | .1 | .0 | | | | | | | 132 | 136 | 253 | 300 | | |
| 64/ 63 | .0 | .2 | .1 | .0 | .2 | .6 | .4 | .9 | .3 | .1 | | | | | | | | 75 | 77 | 226 | 247 | | |
| 62/ 61 | | .3 | .2 | .3 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | | | 49 | 49 | 148 | 171 | | |
| 60/ 59 | .0 | .2 | .0 | .1 | .1 | .1 | .5 | .1 | .1 | .0 | | | | | | | | 34 | 34 | 168 | 138 | | |
| 58/ 57 | | .0 | .0 | .0 | | | .1 | .1 | | | | | | | | | | 9 | 9 | 147 | 124 | | |
| 56/ 55 | .1 | | | | | | .0 | | | | | | | | | | | 3 | 3 | 108 | 123 | | |
| 54/ 53 | .0 | | | .0 | | | | | | | | | | | | | | 2 | 2 | 87 | 88 | | |
| 52/ 51 | | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | 70 | 83 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 68 | 98 | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 22 | 82 | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 8 | 72 | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 6 | 59 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 43 | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 31 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 43 | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 53 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 24 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 23 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 16 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 9 | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OL A) JUL 64
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

43-74

APR

STATION

STATION NAME

YEARS

PAGE 2

MON: H

1200-1400

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILLOXI

43-74

APR

STATION

STATION NAME

YEARS

PAGE 1

1500-1700

MONTH

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|--------------------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | | Wet Bulb | Dew Point | |
| 92/ 91 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | |
| 90/ 89 | | | | | | | | | | | .0 | .0 | .0 | | | | | 3 | 3 | | | |
| 88/ 87 | | | | | | | | | | .0 | | .1 | .1 | | | | | 6 | 6 | | | |
| 86/ 85 | | | | | | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | | | | | 21 | 21 | | | |
| 84/ 83 | | | | .3 | .4 | .4 | .2 | .1 | .1 | .1 | .2 | .1 | .1 | | | | | 51 | 51 | | | |
| 82/ 81 | | | .3 | .7 | 1.5 | 1.0 | .4 | .1 | .1 | .3 | .1 | .0 | | | | | | 120 | 120 | | | |
| 80/ 79 | | | .5 | 3.6 | 2.7 | 1.8 | .6 | .4 | .1 | .1 | .1 | .1 | | | | | | 272 | 280 | | | |
| 78/ 77 | | .1 | 2.0 | 3.3 | 3.9 | 1.4 | .7 | .5 | .3 | .3 | .3 | .1 | | | | | | 347 | 363 | 22 | | |
| 76/ 75 | | .6 | 3.1 | 2.9 | 3.4 | 2.0 | 1.1 | .6 | .5 | .3 | .4 | .1 | | | | | | 402 | 427 | 61 | | |
| 74/ 73 | .0 | .7 | 2.3 | 3.2 | 2.5 | 1.7 | 1.1 | .7 | .4 | .2 | .3 | | | | | | | 354 | 368 | 264 | | |
| 72/ 71 | .0 | 1.1 | 2.0 | 2.1 | 1.4 | 2.0 | 1.3 | .9 | .2 | .7 | .1 | | | | | | | 322 | 328 | 330 | | |
| 70/ 69 | .1 | .9 | 2.3 | 1.9 | 1.4 | 1.2 | 1.2 | 1.1 | .7 | .5 | .0 | | | | | | | 310 | 318 | 346 | | |
| 68/ 67 | .1 | .9 | 1.2 | .7 | .8 | .9 | .4 | .4 | .7 | .5 | .0 | | | | | | | 181 | 191 | 315 | | |
| 66/ 65 | .2 | .7 | .4 | .3 | .7 | 1.0 | .7 | .3 | .7 | .1 | | | | | | | | 139 | 140 | 306 | | |
| 64/ 63 | .0 | .3 | .3 | .3 | .2 | .6 | .5 | .3 | .4 | .1 | | | | | | | | 84 | 86 | 206 | | |
| 62/ 61 | .1 | .3 | .2 | .1 | .2 | .1 | .2 | .3 | | | | | | | | | | 42 | 42 | 205 | | |
| 60/ 59 | .1 | .2 | .1 | .0 | .0 | .2 | .2 | .0 | .1 | | | | | | | | | 27 | 27 | 155 | | |
| 58/ 57 | | .0 | .1 | .1 | | .0 | | | | | | | | | | | | 7 | 7 | 133 | | |
| 56/ 55 | | .0 | .0 | .0 | | | .0 | | | | | | | | | | | 4 | 4 | 129 | | |
| 54/ 53 | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | 86 | | |
| 52/ 51 | | .1 | .0 | .0 | | .0 | | | | | | | | | | | | 5 | 5 | 59 | | |
| 50/ 49 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 51 | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 22 | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 6 | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 5 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x² | | Σ x | | x̄ | | sₓ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 92 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

43-74

APR

STATION

STATION NAME

YEARS

14. SMITH

PAGE 1

1800-2000

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|--------|------|------|--------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 84/ 83 | | | | | | | | | .0 | .1 | .0 | .1 | | | | | | 6 | 6 | | | | | |
| 82/ 81 | | | .0 | .1 | .1 | | | | .1 | | | | | | | | | 9 | 9 | | | | | |
| 80/ 79 | | | .8 | 1.1 | .4 | .1 | | .1 | .1 | .1 | | | | | | | | 74 | 74 | | | | | |
| 78/ 77 | | .5 | 2.2 | 2.4 | .8 | .4 | .2 | .1 | .1 | .1 | | | | | | | | 186 | 189 | 2 | | | | |
| 76/ 75 | | 1.2 | 3.7 | 3.5 | 1.6 | .4 | .4 | .1 | .1 | .1 | .1 | | | .0 | | | | 303 | 315 | 49 | | | | |
| 74/ 73 | .1 | 2.0 | 4.9 | 3.0 | 1.7 | .8 | .3 | .3 | .0 | .1 | .0 | | | | | | | 360 | 380 | 164 | | | | |
| 72/ 71 | | 3.0 | 3.3 | 3.0 | 1.4 | .8 | .8 | .4 | .2 | .1 | | | | | | | | 349 | 363 | 257 | | | | |
| 70/ 69 | .2 | 2.4 | 4.7 | 2.4 | 1.9 | 1.4 | .8 | .5 | .3 | .1 | | | | | | | | 304 | 416 | 345 | | | | |
| 68/ 67 | .2 | 2.2 | 3.4 | 1.9 | 1.3 | 1.0 | 1.1 | .4 | .2 | .0 | | | | | | | | 319 | 329 | 298 | | | | |
| 66/ 65 | .4 | 1.7 | 1.7 | 1.6 | 1.2 | 1.0 | .7 | .4 | .2 | .1 | | | | | | | | 242 | 249 | 366 | | | | |
| 64/ 63 | .2 | .6 | .5 | .8 | 1.4 | 1.3 | .4 | .5 | .1 | | | | | | | | | 158 | 161 | 233 | | | | |
| 62/ 61 | .2 | .6 | .2 | .9 | .9 | .7 | .5 | .3 | .1 | | | | | | | | | 116 | 117 | 198 | | | | |
| 60/ 59 | .0 | .3 | .2 | .3 | .5 | 1.0 | .4 | .1 | .0 | | | | | | | | | 78 | 79 | 180 | | | | |
| 58/ 57 | .1 | .0 | .0 | .2 | .6 | .3 | .3 | .0 | .0 | | | | | | | | | 44 | 44 | 141 | | | | |
| 56/ 55 | | .3 | .1 | .2 | .2 | .1 | | | | | | | | | | | | 31 | 31 | 138 | | | | |
| 54/ 53 | | .1 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | | 14 | 14 | 103 | | | | |
| 52/ 51 | | | | .0 | .0 | | .0 | | | | | | | | | | | 3 | 3 | 75 | | | | |
| 50/ 49 | .0 | .0 | .0 | .1 | .0 | | | | | | | | | | | | | 6 | 6 | 78 | | | | |
| 48/ 47 | | .0 | | | .0 | | | | | | | | | | | | | 2 | 2 | 30 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 25 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.4 | 15.0 | 25.9 | 21.6 | 14.2 | 9.7 | 6.2 | 3.3 | 1.5 | .9 | .1 | .1 | | .0 | | | | 2694 | 2787 | 2694 | | | | |
| Element (X) | Σ x' | Σ x | | Σ | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | 14895469 | 195497 | | 72.6 | 16.223 | 2694 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | |
| Dry B-°b | 13672539 | 194585 | | 69.8 | 5.583 | 2787 | | | | 67.2 | 31.4 | 1.6 | | 90 | | | | | | | | | | |
| Wet Bulb | 11131410 | 172136 | | 63.9 | 7.017 | 2694 | | | | 37.2 | 7.2 | | | 90 | | | | | | | | | | |
| Dew Point | 9931609 | 161349 | | 59.9 | 9.978 | 2694 | | | 1.0 | 27.1 | 2.5 | | | 90 | | | | | | | | | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13820 KEESELER AFB MISSISSIPPI/BILDXI 43-74

APR

STATION

STATION NAME

YEARS

PAGE 1

MONTH

2100-2300

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 80/ 79 | | | .3 | .1 | .0 | | | | | | | | | | | | | 11 | 11 | | | | |
| 78/ 77 | | .4 | 1.7 | 1.1 | .2 | .0 | .0 | .0 | | | | | | | | | | 86 | 86 | 1 | | | |
| 76/ 75 | .0 | 1.9 | 3.7 | 1.8 | .4 | .1 | .2 | .0 | | | | | | | | | | 198 | 203 | 31 | 9 | | |
| 74/ 73 | .1 | 3.2 | 4.7 | 2.7 | .7 | .3 | .1 | .2 | .0 | | | | | | | | | 293 | 307 | 111 | 51 | | |
| 72/ 71 | .1 | 4.2 | 3.5 | 1.5 | .9 | .4 | .2 | .1 | | | | | | | | | | 266 | 283 | 238 | 156 | | |
| 70/ 69 | .5 | 4.5 | 4.5 | 2.2 | 1.1 | .6 | .2 | .3 | .0 | | | | | | | | | 341 | 361 | 296 | 255 | | |
| 68/ 67 | .3 | 5.0 | 4.0 | 2.2 | 1.3 | .8 | .1 | .1 | .1 | | | | | | | | | 341 | 353 | 281 | 284 | | |
| 66/ 65 | .0 | 2.9 | 2.5 | 1.5 | .9 | .8 | .4 | .0 | | | | | | | | | | 235 | 243 | 302 | 263 | | |
| 64/ 63 | .2 | 1.4 | 1.3 | 1.3 | 1.2 | .6 | .4 | .1 | | | | | | | | | | 159 | 170 | 232 | 245 | | |
| 62/ 61 | .1 | .6 | 1.3 | 1.5 | 1.1 | .7 | .0 | .1 | | | | | | | | | | 133 | 136 | 169 | 171 | | |
| 60/ 59 | .2 | .8 | 1.1 | 1.1 | 1.0 | .9 | .1 | .0 | | | | | | | | | | 124 | 124 | 142 | 142 | | |
| 58/ 57 | .1 | .1 | .5 | 1.2 | .9 | .8 | .2 | | | | | | | | | | | 90 | 91 | 132 | 117 | | |
| 56/ 55 | .0 | .2 | .3 | .7 | .6 | .7 | .1 | | | | | | | | | | | 62 | 64 | 121 | 109 | | |
| 54/ 53 | | .2 | .5 | .5 | .4 | .2 | .1 | | | | | | | | | | | 46 | 46 | 92 | 92 | | |
| 52/ 51 | | .3 | .2 | .3 | .4 | .1 | .0 | | | | | | | | | | | 33 | 33 | 84 | 84 | | |
| 50/ 49 | | .1 | .2 | .3 | .1 | .1 | | | | | | | | | | | | 20 | 20 | 86 | 83 | | |
| 48/ 47 | | | .1 | | .1 | | | | | | | | | | | | | 5 | 5 | 58 | 88 | | |
| 46/ 45 | | | .0 | | .0 | | | | | | | | | | | | | 2 | 2 | 38 | 70 | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 22 | 51 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 7 | 55 | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 32 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 32 | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 26 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 11 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 9 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | 2.325 | 6.30 | 5.19 | 9.11 | 3.70 | 2.1 | 1.0 | .2 | | | | | | | | | | 2445 | 2538 | 2445 | 2445 | | |
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USAFETAC FORM 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

MAY

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

SYNCHROMETRIC SVA 02RY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

MAY

STATION

STATION NAME

MAY

2495-0000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | W.B. | Dry Bulb | Wet Bulb | Low Point | | | |
| 88/ 87 | | | | | | | | .0 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .0 | .1 | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | .3 | .6 | .4 | .0 | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | .2 | 1.9 | 1.8 | .5 | .0 | | .0 | | | | | | | | | | | | | | | |
| 80/ 79 | | .1 | 1.8 | 4.4 | 3.2 | 1.2 | .3 | .2 | | | | | | | | | | | | | | | | |
| 78/ 77 | | .3 | 3.7 | 5.0 | 2.8 | .5 | .4 | .1 | .0 | | | | | | | | | | | | | | | |
| 76/ 75 | .0 | 1.6 | 5.4 | 4.3 | 2.2 | .9 | .3 | .1 | | | | | | | | | | | | | | | | |
| 74/ 73 | .0 | 2.1 | 4.2 | 3.2 | 1.3 | .5 | .1 | .2 | .0 | | | | | | | | | | | | | | | |
| 72/ 71 | | 3.0 | 4.0 | 2.5 | 1.2 | .6 | .1 | .1 | | | | | | | | | | | | | | | | |
| 70/ 69 | .3 | 2.6 | 2.4 | 1.8 | 1.0 | .3 | .6 | .0 | | | | | | | | | | | | | | | | |
| 68/ 67 | .2 | 1.5 | 2.3 | 1.2 | .7 | .6 | .3 | | .0 | | | | | | | | | | | | | | | |
| 66/ 65 | .2 | .9 | 1.4 | 1.2 | .5 | .5 | .2 | .0 | | | | | | | | | | | | | | | | |
| 64/ 63 | .1 | .4 | .7 | 1.0 | .7 | .4 | .1 | .0 | | | | | | | | | | | | | | | | |
| 62/ 61 | .1 | .3 | .5 | .7 | .5 | .1 | .1 | | | | | | | | | | | | | | | | | |
| 60/ 59 | .1 | .2 | .4 | .6 | .4 | .0 | .0 | | | | | | | | | | | | | | | | | |
| 58/ 57 | | .3 | .2 | .4 | .3 | .1 | .0 | | .0 | | | | | | | | | | | | | | | |
| 56/ 55 | | .0 | .3 | .4 | .2 | .0 | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | .0 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | .0 | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.0 | 13.7 | 27.8 | 20.3 | 17.7 | 6.8 | 2.7 | .8 | .2 | | | | | | | | | | | | | | | |
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REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
K 44 0-26-5 (OL A) 11 64
USAFETAC

PSYCHOMETRIC SUMMARY

13629

KEPPLER ADV [REDACTED] MISSISSIPPI/ALLOMI

42-73

448

PAGE 1 0900-1100

'GUR2' 5.7.1

[illegible]

PSYCHROMETRIC SUMMARY

13820
STAT

Keesler AFB Mississippi/Biloxi
STATION NAME

42-74

MAY
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLEESLER AFB MISSISSIPPI/BILUXI 42-74

MAY

STATION

STATION NAME

YEARS

PAGE 1

1200-1400

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 96/ 95 | | | | | | | | .1 | .1 | .1 | .0 | .1 | .0 | | | | | | 9 | 9 | | | | |
| 94/ 93 | | | | | | | .1 | .2 | .1 | .1 | .1 | .1 | .0 | | | | | | 14 | 14 | | | | |
| 92/ 91 | | | | | | .1 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | 24 | 24 | | | | |
| 90/ 89 | | | | .1 | .1 | .3 | .6 | .6 | .5 | .1 | .3 | .1 | .1 | .1 | .1 | | | | 88 | 88 | | | | |
| 88/ 87 | | | | .0 | .8 | 1.2 | 1.8 | 1.7 | 1.4 | .7 | .3 | .2 | | | | | | | 233 | 233 | | | | |
| 86/ 85 | | | | .2 | 2.0 | 4.6 | 4.0 | 2.2 | 1.2 | .7 | .4 | .1 | .1 | | | | | | 442 | 443 | | | | |
| 84/ 83 | | | .1 | .8 | 3.5 | 6.2 | 3.5 | .9 | .9 | .4 | .2 | .1 | .1 | | | | | | 476 | 493 | 2 | | | |
| 82/ 81 | | | .2 | 2.5 | 4.4 | 5.0 | 2.5 | 1.5 | .5 | .5 | .3 | .0 | .0 | | | | | | 503 | 529 | 11 | | | |
| 80/ 79 | | | .8 | 2.3 | 3.7 | 2.9 | 1.7 | .9 | .8 | .4 | .6 | .1 | .0 | | | | | | 408 | 427 | 63 | | | |
| 78/ 77 | .0 | .2 | .7 | 1.7 | 1.9 | 1.7 | 1.0 | .7 | .8 | .5 | .4 | | | | | | | | 279 | 285 | 212 | | | |
| 76/ 75 | .0 | .4 | .8 | .8 | .7 | .8 | .4 | .7 | .7 | .2 | .1 | | | | | | | | 158 | 153 | 478 | | | |
| 74/ 73 | .0 | .3 | .6 | .2 | .3 | .4 | .2 | .5 | .5 | .4 | .1 | | | | | | | | 101 | 102 | 604 | | | |
| 72/ 71 | .1 | .3 | .2 | .1 | .2 | .2 | .3 | .3 | .3 | .1 | | | | | | | | | 63 | 63 | 484 | | | |
| 70/ 69 | | .2 | .2 | .3 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | | | | | | | | 42 | 42 | 324 | | | |
| 68/ 67 | .1 | .2 | .1 | .1 | .1 | .1 | | .0 | .0 | .0 | | | | | | | | | 24 | 26 | 213 | | | |
| 66/ 65 | .1 | .1 | .1 | .0 | .0 | | .0 | .1 | | | | | | | | | | | 11 | 12 | 137 | | | |
| 64/ 63 | | | .0 | .1 | | | | | | | | | | | | | | | 3 | 3 | 100 | | | |
| 62/ 61 | | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 95 | | | |
| 60/ 59 | | | .1 | .1 | | .1 | | | | | | | | | | | | | 7 | 7 | 67 | | | |
| 58/ 57 | | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 50 | | | |
| 56/ 55 | | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 26 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

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42-74

STATION

STATION NAME

YEARS

1200-1400

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

13820

KLESLER AFB MISSISSIPPI/BILOXI

42-74

DAY

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1500-1700

HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

42-74

MCNTH

STATION

STATION NAME

YEARS

1500-1700

HOURS (L. S. T.)

JSAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

11AY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|--------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 96/ 95 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | | | | |
| 94/ 93 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | | | | |
| 92/ 91 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | | | | |
| 90/ 89 | | | | | | .1 | | .0 | .1 | | | | | | | | | 6 | 6 | | | | | |
| 88/ 87 | | | | | .1 | .2 | .1 | .0 | .1 | | | | | | | | | 14 | 14 | | | | | |
| 86/ 85 | | | .1 | .1 | .1 | .4 | .3 | .3 | .1 | .1 | | .0 | | | | | | 45 | 45 | | | | | |
| 84/ 83 | | | .2 | .7 | 1.3 | 1.3 | .9 | .5 | .2 | .0 | .1 | | | | | | | 152 | 153 | | | | | |
| 82/ 81 | | .0 | .8 | 2.7 | 4.2 | 2.5 | 1.2 | .6 | .4 | .1 | .0 | | | | | | | 362 | 364 | 4 | | | | |
| 80/ 79 | | .1 | 2.4 | 5.6 | 6.0 | 2.7 | 1.0 | .4 | .2 | .1 | .0 | | | | | | | 542 | 555 | 22 | | | | |
| 78/ 77 | | .7 | 4.4 | 5.9 | 5.2 | 2.2 | .9 | .4 | .2 | .2 | .0 | .0 | | | | | | 588 | 613 | 79 | | | | |
| 76/ 75 | | .4 | 3.0 | 4.9 | 2.8 | 1.4 | .8 | .4 | .2 | .1 | .0 | | | | | | | 409 | 418 | 281 | | | | |
| 74/ 73 | | .8 | 2.1 | 3.2 | 1.7 | 1.2 | .8 | .4 | .2 | .1 | | | | | | | | 303 | 308 | 537 | | | | |
| 72/ 71 | .0 | 1.1 | 1.9 | 1.3 | 1.0 | .7 | .5 | .7 | .1 | .1 | | | | | | | | 212 | 224 | 557 | | | | |
| 70/ 69 | .1 | .7 | .6 | .7 | .7 | .4 | .5 | .3 | .1 | | | | | | | | | 118 | 125 | 486 | | | | |
| 68/ 67 | .0 | .2 | .1 | .4 | .2 | .4 | .5 | .1 | .0 | | | | | | | | | 61 | 64 | 326 | | | | |
| 66/ 65 | .1 | .1 | .0 | .2 | .2 | .2 | .2 | .0 | | | | | | | | | | 32 | 33 | 180 | | | | |
| 64/ 63 | .1 | .1 | .1 | .2 | .0 | .1 | .0 | .0 | | | | | | | | | | 22 | 22 | 126 | | | | |
| 62/ 61 | | | .1 | .0 | .1 | .0 | | | | | | | | | | | | 8 | 8 | 85 | | | | |
| 60/ 59 | | | .0 | .0 | .1 | .1 | | | | | | | | | | | | 6 | 6 | 80 | | | | |
| 58/ 57 | | .0 | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 63 | | | | |
| 56/ 55 | .0 | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 37 | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | 19 | 44 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | 6 | 36 | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | 4 | 53 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 37 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 34 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 15 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | .3 | 4.4 | 16.1 | 26.0 | 23.9 | 14.0 | 7.6 | 4.4 | 2.1 | .9 | .2 | .1 | | | | | | 2892 | 2970 | 2892 | | | | |
| Element (X) | Σ x ² | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 14645424 | | 202470 | | 70.0 | | 12.692 | | 2891 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | 93 | | | | | |
| Dry Bulb | 17590929 | | 228159 | | 76.8 | | 5.624 | | 2970 | | | | 90.6 | 77.6 | 27.8 | .1 | | | 93 | | | | | |
| Wet Bulb | 14110262 | | 201472 | | 69.7 | | 5.082 | | 2892 | | | | 73.7 | 29.7 | .5 | | | | 93 | | | | | |
| Dew Point | 12697457 | | 190551 | | 65.9 | | 7.014 | | 2892 | | | | 53.7 | 11.0 | .1 | | | | 93 | | | | | |

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

MAY

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-65, 71, 74

STATION NAME

YEARS

JUN

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

2

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JUN

YEARS

MONTH
0300-0500
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

JUN

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILOXI 42-74

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|--------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 98/ 97 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | | |
| 96/ 95 | | | | | | | | .1 | .3 | .0 | .0 | .0 | .0 | | | | | 15 | 15 | | | | | |
| 94/ 93 | | | | | .0 | | .1 | .4 | .3 | .2 | .2 | .1 | .0 | | | | | 38 | 38 | | | | | |
| 92/ 91 | | | | | .0 | .3 | .7 | .8 | .6 | .3 | .1 | | | | | | | 83 | 93 | | | | | |
| 90/ 89 | | | | | .4 | 2.4 | 2.9 | 1.6 | .7 | .3 | .1 | .1 | | | | | | 250 | 250 | | | | | |
| 88/ 87 | | | | .4 | 2.5 | 6.6 | 5.4 | 1.9 | .8 | .1 | .1 | | .0 | | | | | 512 | 512 | | | | | |
| 86/ 85 | | | .0 | 1.7 | 7.7 | 9.2 | 4.0 | 1.9 | .9 | .1 | .1 | | | | | | | 740 | 740 | 1 | | | | |
| 84/ 83 | | | .5 | 2.5 | 5.8 | 4.5 | 2.1 | 1.5 | .5 | .2 | .0 | .1 | | | | | | 508 | 511 | 3 | 1 | | | |
| 82/ 81 | | | .7 | 2.8 | 2.7 | 1.8 | 1.3 | .7 | .3 | .2 | | | | | | | | 368 | 368 | 59 | 2 | | | |
| 80/ 79 | | .2 | 1.5 | 1.5 | 1.1 | 1.1 | .7 | .4 | .2 | .1 | | | | | | | | 195 | 195 | 348 | 32 | | | |
| 78/ 77 | .0 | .5 | .9 | .8 | .5 | .3 | .4 | .2 | .2 | .1 | | | | | | | | 112 | 112 | 725 | 166 | | | |
| 76/ 75 | .0 | .7 | .7 | .2 | .2 | .2 | .2 | .0 | .1 | | .0 | | | | | | | 70 | 70 | 744 | 468 | | | |
| 74/ 73 | .0 | .6 | .2 | .1 | .1 | .0 | .0 | | .0 | .0 | | | | | | | | 34 | 34 | 432 | 658 | | | |
| 72/ 71 | .1 | .3 | .1 | .0 | .0 | .1 | | | | | | | | | | | | 19 | 19 | 275 | 535 | | | |
| 70/ 69 | .1 | | .0 | | | | | | .0 | | | | | | | | | 4 | 4 | 141 | 371 | | | |
| 68/ 67 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 79 | 210 | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 40 | 155 | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 20 | 90 | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 14 | 78 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 5 | 40 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 2 | 30 | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 20 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | .2 | 2.4 | 4.7 | 10.0 | 21.1 | 26.5 | 17.9 | 9.6 | 4.8 | 1.7 | .7 | .2 | .1 | | | | | 2890 | 2893 | 2890 | 2890 | | | |
| | | | | | | | | | | | | | | | | | | 2890 | | 2890 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx' | | Σx | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 12506926 | | 187296 | | 64.8 | | 11.295 | | 2890 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | 90 | | | |
| Dry Bulb | 20729855 | | 244607 | | 84.6 | | 4.074 | | 2893 | | | | 90.0 | 89.3 | 80.5 | 1.7 | | | | | 90 | | | |
| Wet Bulb | 16332236 | | 217000 | | 75.1 | | 3.649 | | 2890 | | | | 87.4 | 72.0 | 6.1 | | | | | | 90 | | | |
| Dew Point | 14631614 | | 205110 | | 71.0 | | 5.078 | | 2890 | | | | 76.1 | 41.3 | .4 | | | | | | 90 | | | |

PSYCHROMETRIC SUMMARY

42-74

JUN

STATION

STATION NAME

YEARS

PAGE 1

1200-1400

HOURS (1 - 5 - T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|--------|-----|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|--------------------|----------|-----------|----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | | Wet Bulb | Dew Point | |
| 100/ 99 | | | | | | | | | .1 | .0 | .1 | .0 | .0 | | | | | 7 | 7 | | | |
| 98/ 97 | | | | | | | | | | | .1 | .0 | .1 | | | | | 7 | 7 | | | |
| 96/ 95 | | | | | | | | .0 | .1 | .2 | .0 | .2 | .0 | | | | | 23 | 23 | | | |
| 94/ 93 | | | | | | .2 | .3 | .5 | .3 | .2 | .1 | .1 | | | | | | 49 | 49 | | | |
| 92/ 91 | | | | | .1 | .9 | 1.9 | 1.0 | .9 | .4 | .2 | .0 | | | | | | 156 | 156 | | | |
| 90/ 89 | | | | .0 | .6 | 3.5 | 4.8 | 2.3 | .7 | .5 | .2 | | .1 | | | | | 366 | 366 | | | |
| 88/ 87 | | | .1 | .5 | 2.1 | 7.4 | 4.9 | 2.2 | .8 | .2 | .4 | .1 | | | | | | 541 | 541 | | | |
| 86/ 85 | | | .1 | 1.0 | 5.2 | 8.1 | 4.2 | 1.9 | .8 | .1 | .1 | | | | | | | 624 | 625 | 1 | | |
| 84/ 83 | | .0 | .2 | 1.8 | 4.9 | 4.0 | 2.2 | 1.4 | .4 | .3 | .1 | | | | | | | 445 | 446 | 21 | 1 | |
| 82/ 81 | | .1 | .4 | 2.5 | 1.9 | 1.5 | 1.1 | .6 | .6 | .1 | .1 | | | | | | | 254 | 254 | 96 | 9 | |
| 80/ 79 | | .3 | 1.2 | 1.6 | 1.1 | .4 | .5 | .6 | .2 | .1 | | .1 | | | | | | 176 | 176 | 360 | 60 | |
| 78/ 77 | .1 | .6 | 1.7 | 1.0 | .4 | .0 | | | | | | | | | | | | 111 | 111 | 741 | 168 | |
| 76/ 75 | .1 | .7 | .9 | .5 | .2 | | .2 | | | | | | | | | | | 70 | 70 | 693 | 437 | |
| 74/ 73 | .1 | .8 | .3 | .1 | | .0 | | | | | | | | | | | | 38 | 38 | 423 | 666 | |
| 72/ 71 | .1 | .4 | .0 | .0 | | | | | | | | | | | | | | 17 | 17 | 296 | 563 | |
| 70/ 69 | .1 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 135 | 363 | |
| 68/ 67 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 67 | 211 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 41 | 141 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 9 | 112 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 5 | 46 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | 35 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 28 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 24 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 3.0 | 5.0 | 9.0 | 16.6 | 26.0 | 20.0 | 10.5 | 4.9 | 2.2 | 1.5 | .6 | .2 | | | | | 2891 | 2893 | 2891 | 2891 | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx' | | Σx | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | Total | | | |
| Rel. Hum. | 12325160 | | 185618 | | 64.2 | | 11.874 | | 2891 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | |
| Dry Bulb | 21036907 | | 246361 | | 85.2 | | 4.455 | | 2893 | | | | 90.0 | 89.3 | 80.6 | 2.7 | | | | 90 | | |
| Wet Bulb | 16464219 | | 217931 | | 75.4 | | 3.530 | | 2891 | | | | 88.2 | 72.7 | 8.4 | | | | | 90 | | |
| Dew Point | 14728460 | | 205862 | | 71.2 | | 4.903 | | 2891 | | | | 77.1 | 41.7 | .9 | | | | | 90 | | |

FORM 0-26.5 (OL A) JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1800-2000

HOURS (L. S. T.)

[illegible]

2

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JUN

YEARS

2100-2300

HOURS (V, S, T.)

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUL

YEARS

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

YEARS

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONTH

0600-0800

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26.5 (OL A)

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1500-1700

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
YEARS

JUL
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 98/ 97 | | | | | | | | | | | .0 | .0 | | | | | | 2 | 2 | | | | | |
| 96/ 95 | | | | | | | | | .0 | .0 | | | | | | | | 2 | 2 | | | | | |
| 94/ 93 | | | | | | | | .1 | .1 | .1 | .0 | | | | | | | 9 | 9 | | | | | |
| 92/ 91 | | | | | .0 | .2 | .3 | .2 | .2 | .1 | .0 | | | | | | | 35 | 35 | | | | | |
| 90/ 89 | | | | .1 | .4 | 1.4 | 1.5 | .5 | .2 | .1 | | | | | | | | 122 | 122 | | | | | |
| 88/ 87 | | | .0 | .5 | 3.0 | 4.2 | 1.5 | 1.0 | .1 | | | | | | | | | 310 | 310 | | | | | |
| 86/ 85 | .0 | | .2 | 2.9 | 9.3 | 5.4 | 1.3 | .1 | .0 | | | | | | | | | 602 | 606 | 2 | 1 | | | |
| 84/ 83 | | .1 | .7 | 6.3 | 8.4 | 2.7 | .1 | .1 | .0 | | | | | | | | | 569 | 572 | 6 | 2 | | | |
| 82/ 81 | | .3 | 2.6 | 7.4 | 3.0 | .7 | .2 | .2 | | | | | | | | | | 436 | 436 | 57 | 8 | | | |
| 80/ 79 | .0 | .5 | 5.7 | 4.6 | 1.4 | .4 | .1 | .0 | .0 | | | | | | | | | 386 | 386 | 354 | 52 | | | |
| 78/ 77 | .0 | 2.2 | 4.3 | 2.2 | .4 | .1 | .0 | | | | | | | | | | | 281 | 281 | 899 | 233 | | | |
| 76/ 75 | .1 | 3.2 | 1.9 | .8 | .2 | .1 | .1 | | | | | | | | | | | 192 | 192 | 920 | 754 | | | |
| 74/ 73 | .1 | 1.1 | .6 | .2 | .2 | .0 | | | | | | | | | | | | 70 | 70 | 503 | 928 | | | |
| 72/ 71 | .1 | .4 | | .0 | | | | | | | | | | | | | | 14 | 14 | 199 | 568 | | | |
| 70/ 69 | .1 | .0 | | .0 | | | | | | | | | | | | | | 6 | 6 | 75 | 284 | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 22 | 111 | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 4 | 46 | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 5 | 23 | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 16 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | .5 | 7.7 | 16.0 | 24.9 | 26.2 | 15.2 | 5.9 | 2.4 | .7 | .3 | .1 | .0 | | | | | | 3036 | 3043 | 3036 | 3036 | | | |
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PSYCHROMETRIC SUMMARY

JUL

MONTH

2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

MONTH

9000-0200

HOURS (L, S, T.)

[illegible]

USAFETAC
FORM
JUL 64
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

AUG

YEARS

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-74

YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A)

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

AUG

STATION

STATION NAME

YEARS

MONTANA

PAGE 1

1200-1400

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

AUG

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

MONTH

2100-2300

[illegible]

2

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SEP

YEARS

MONTH

HOURS (L S T)

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM -RE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-65,67-74

SEP

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

YEARS

MONTH

Q600-0800

HOURS (L. S. '.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|--------|------|------|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|--------------------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | | Dew Point | | |
| 88/ 87 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | 8 | 8 | | | | |
| 86/ 85 | | | .1 | .3 | .6 | .1 | .0 | | | | | | | | | | | 37 | 40 | | | | |
| 84/ 83 | | .1 | .5 | 1.8 | .8 | .2 | .0 | .0 | | | | | | | | | | 97 | 101 | 4 | | | |
| 82/ 81 | | .3 | 2.5 | 2.8 | 1.4 | .2 | .1 | | | | | | | | | | | 199 | 209 | 8 | | | |
| 80/ 79 | .0 | 1.5 | 4.2 | 3.1 | .8 | .3 | .0 | .0 | | | | | | | | | | 278 | 292 | 57 | | | |
| 78/ 77 | .2 | 4.2 | 5.4 | 2.6 | .9 | .3 | .1 | .1 | | | | | | | | | | 376 | 397 | 222 | | | |
| 76/ 75 | .7 | 6.5 | 5.6 | 2.2 | 1.1 | .6 | .1 | | | | | | | | | | | 460 | 479 | 403 | | | |
| 74/ 73 | .8 | 5.9 | 4.6 | 1.4 | .4 | .4 | .0 | | | | | | | | | | | 370 | 392 | 475 | | | |
| 72/ 71 | .9 | 4.1 | 3.8 | 1.3 | 1.1 | .5 | .2 | | | | | | | | | | | 322 | 337 | 437 | | | |
| 70/ 69 | .2 | 2.4 | 2.6 | 1.4 | .5 | .5 | .0 | .0 | | | | | | | | | | 210 | 222 | 316 | | | |
| 68/ 67 | .1 | .9 | 1.3 | 1.2 | .7 | .3 | | .0 | | | | | | | | | | 123 | 129 | 224 | | | |
| 66/ 65 | .0 | .7 | .7 | 1.2 | .6 | .2 | .0 | | | | | | | | | | | 98 | 99 | 155 | | | |
| 64/ 63 | | .2 | .5 | .7 | .5 | .1 | | | | | | | | | | | | 56 | 57 | 117 | | | |
| 62/ 61 | | .3 | .4 | .8 | .4 | | | | | | | | | | | | | 53 | 55 | 89 | | | |
| 60/ 59 | .1 | .1 | .2 | .3 | .1 | .0 | | | | | | | | | | | | 23 | 25 | 82 | | | |
| 58/ 57 | | .0 | .1 | .3 | | | | | | | | | | | | | | 12 | 14 | 59 | | | |
| 56/ 55 | | .0 | .1 | .1 | | | | | | | | | | | | | | 6 | 7 | 42 | | | |
| 54/ 53 | | | .0 | .0 | .0 | | | | | | | | | | | | | 3 | 3 | 27 | | | |
| 52/ 51 | | | .0 | .0 | .0 | | | | | | | | | | | | | 3 | 3 | 8 | | | |
| 50/ 49 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 4 | | | |
| 48/ 47 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 3 | | | |
| 46/ 45 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 2 | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 3.1 | 27.4 | 33.1 | 21.4 | 10.3 | 3.8 | .7 | .2 | | | | | | | | | | | 2873 | | 2738 | | |
| | | | | | | | | | | | | | | | | | | 2738 | | 2738 | | | |
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| Element (X) | Σ x ² | | Σ x | | x̄ | | s ² | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | 18820944 | | 225214 | | 82.3 | | 10.281 | | 2737 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total |
| Dry Bulb | 15952863 | | 213463 | | 74.3 | | 5.679 | | 2873 | | | | | | 81.6 | | 60.1 | | 15.9 | | | | 90 |
| Wet Bulb | 13642464 | | 192574 | | 70.3 | | 5.984 | | 2738 | | | | | | 70.5 | | 30.4 | | .9 | | | | 90 |
| Dew Point | 12928551 | | 187169 | | 68.4 | | 6.990 | | 2738 | | | | | | 63.6 | | 28.0 | | .4 | | | | 90 |

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILGXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|-----|--------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | .1 | | .0 | .0 | | | | | 4 | 5 | | |
| 94/ 93 | | | | | | | .0 | .1 | .1 | .1 | | | | | | | 9 | 10 | | |
| 92/ 91 | | | | | .1 | .3 | .4 | .5 | .1 | .2 | .1 | .0 | | | | | 45 | 48 | | |
| 90/ 89 | | | | .1 | .4 | 1.3 | 1.9 | 1.4 | .6 | .2 | .0 | | | | | | 160 | 169 | | |
| 88/ 87 | | | .1 | .4 | 2.4 | 3.9 | 2.5 | 1.1 | .5 | .2 | .2 | | | | | | 308 | 320 | | |
| 86/ 85 | | | .3 | 1.5 | 5.1 | 4.8 | 2.4 | 1.0 | .7 | .2 | .1 | | | | | | 435 | 459 | 1 | |
| 84/ 83 | | .1 | .6 | 3.7 | 4.6 | 3.3 | 1.6 | 1.0 | .4 | .2 | .1 | .1 | | | | | 427 | 446 | 12 | 3 |
| 82/ 81 | | .1 | 1.0 | 3.1 | 3.0 | 1.5 | 1.2 | .7 | .3 | .1 | .1 | | | | | | 324 | 340 | 54 | 15 |
| 80/ 79 | | .4 | 2.2 | 2.6 | 2.2 | 1.7 | .8 | .5 | .4 | .3 | | .0 | | | | | 304 | 316 | 249 | 34 |
| 78/ 77 | .0 | 1.0 | 2.0 | 1.8 | 1.2 | 1.0 | .6 | .3 | .3 | .1 | | | | | | | 224 | 239 | 503 | 162 |
| 76/ 75 | .3 | 1.6 | 1.1 | 1.0 | .7 | 1.0 | .3 | .3 | .1 | .1 | | | | | | | 177 | 186 | 554 | 386 |
| 74/ 73 | .3 | 1.5 | 1.0 | .4 | .7 | .5 | .5 | .2 | | | | | | | | | 139 | 146 | 436 | 479 |
| 72/ 71 | .3 | .5 | .8 | .3 | .3 | .3 | .4 | .1 | | | | | | | | | 81 | 84 | 297 | 465 |
| 70/ 69 | .1 | .4 | .1 | .2 | .2 | .3 | .2 | .1 | | | | | | | | | 42 | 42 | 205 | 311 |
| 68/ 67 | | .1 | .2 | .0 | .1 | .1 | | .0 | .0 | | | | | | | | 19 | 19 | 140 | 233 |
| 66/ 65 | | .1 | .1 | .0 | .1 | .1 | .0 | .1 | | | | | | | | | 14 | 15 | 98 | 163 |
| 64/ 63 | | .1 | .0 | .1 | .1 | | | | | | | | | | | | 8 | 8 | 68 | 95 |
| 62/ 61 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 5 | 5 | 50 | 108 |
| 60/ 59 | | | .1 | .0 | .0 | .0 | .0 | | | | | | | | | | 6 | 6 | 31 | 76 |
| 58/ 57 | | | | .0 | .0 | .0 | | | | | | | | | | | 2 | 2 | 13 | 46 |
| 56/ 55 | | | | .0 | | | | | | | | | | | | | 1 | 1 | 9 | 45 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | 5 | 33 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | 3 | 34 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | 4 | 18 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.1 | 5.9 | 10.3 | 15.3 | 21.4 | 19.9 | 12.9 | 7.3 | 3.5 | 1.6 | .6 | .2 | | | | | 2734 | 2866 | 2734 | 2734 |
| Element (X) | Σ x ² | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | Total | |
| Rel. Hum. | 13179369 | | 186365 | | 68.2 | | 13.193 | | 2734 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | |
| Dry Bulb | 19218077 | | 234141 | | 81.7 | | 5.595 | | 2866 | | | | 88.8 | 84.3 | 62.1 | .5 | | | 90 | |
| Wet Bulb | 14809180 | | 200724 | | 73.4 | | 5.150 | | 2734 | | | | 80.7 | 59.6 | 5.0 | | | | 90 | |
| Dew Point | 13373916 | | 190342 | | 69.6 | | 6.688 | | 2734 | | | | 68.7 | 35.5 | .8 | | | | 90 | |

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. i.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | | |
|--------------|-------------------------------------|-----|-----|--------|------|------|-------|-------|-----|----------------|-------|-------|----------|-------|-------|------------------------------------|------|----------|----------|-----------|--------------------|--------|--|--------|--|--------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | |
| 98/ 97 | | | | | | | | | | .0 | | .0 | | | | | | 2 | 2 | | | | | | | | | | |
| 96/ 95 | | | | | | | | .0 | .1 | .1 | | .2 | | | | | | 11 | 11 | | | | | | | | | | |
| 94/ 93 | | | | .0 | | .2 | .2 | .5 | .3 | .3 | .3 | .0 | | | | | | 50 | 53 | | | | | | | | | | |
| 92/ 91 | | | | | .2 | .7 | 2.0 | 1.4 | 1.3 | .4 | .2 | .1 | .0 | | | | | 176 | 180 | | | | | | | | | | |
| 90/ 89 | | | | .1 | 1.0 | 3.6 | 3.4 | 1.8 | 1.4 | .5 | .2 | .2 | .2 | | | | | 343 | 349 | | | | | | | | | | |
| 88/ 87 | | | .1 | .5 | 2.9 | 6.0 | 3.8 | 1.5 | 1.1 | .5 | .4 | .1 | .0 | | | | | 465 | 484 | 1 | | | | | | | | | |
| 86/ 85 | | | .2 | 1.7 | 4.1 | 5.7 | 3.1 | 1.7 | 1.2 | .5 | .4 | .1 | | | | | | 518 | 542 | 2 | 1 | | | | | | | | |
| 84/ 83 | | .1 | .6 | 2.7 | 2.6 | 3.3 | 1.9 | 1.1 | .9 | .6 | .1 | | .0 | | | | | 379 | 404 | 21 | 4 | | | | | | | | |
| 82/ 81 | | .3 | .7 | 2.1 | 2.1 | 1.0 | .6 | .6 | .5 | .5 | .3 | .0 | | | | | | 239 | 254 | 98 | 17 | | | | | | | | |
| 80/ 79 | | .2 | 1.3 | 1.3 | 1.3 | .8 | .5 | .3 | .5 | .3 | .1 | .0 | | | | | | 180 | 194 | 409 | 50 | | | | | | | | |
| 78/ 77 | .1 | 1.0 | 1.3 | .5 | .7 | .4 | .3 | .5 | .3 | | | | | | | | | 137 | 147 | 555 | 214 | | | | | | | | |
| 76/ 75 | .2 | 1.5 | 1.0 | .5 | .2 | .3 | .1 | .1 | .2 | | | | | | | | | 111 | 114 | 534 | 454 | | | | | | | | |
| 74/ 73 | .3 | 1.0 | .4 | .1 | .2 | .1 | .0 | .1 | .1 | | | | | | | | | 61 | 63 | 420 | 489 | | | | | | | | |
| 72/ 71 | .1 | .3 | .1 | .2 | .1 | .0 | .0 | | .1 | | | | | | | | | 28 | 28 | 248 | 415 | | | | | | | | |
| 70/ 69 | .1 | .4 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | | 25 | 25 | 147 | 316 | | | | | | | | |
| 68/ 67 | | .0 | .1 | .0 | | .0 | | .1 | .1 | | | | | | | | | 13 | 13 | 115 | 183 | | | | | | | | |
| 66/ 65 | | | .0 | .1 | | | | .0 | | | | | | | | | | 5 | 5 | 82 | 162 | | | | | | | | |
| 64/ 63 | | .1 | | .0 | | | | | | | | | | | | | | 3 | 3 | 62 | 96 | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 24 | 88 | | | | | | | | |
| 60/ 59 | | | | | .1 | | | | | | | | | | | | | 3 | 3 | 16 | 62 | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 3 | 43 | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 50 | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 6 | 29 | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | |
| TOTAL | .8 | 4.7 | 6.0 | 10.1 | 15.5 | 22.1 | 16.0 | 9.6 | 8.1 | 3.7 | 2.0 | .9 | .3 | | | | | | 2874 | | 2749 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 2749 | | 2749 | | | | | | | | |
| Element (X) | Σ x ² | | | Σ x | | | x̄ | | | s _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 11816485 | | | 175979 | | | 64.0 | | | 14.161 | | | 2749 | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | 20527380 | | | 242424 | | | 84.4 | | | 5.235 | | | 2874 | | | | | | | 89.7 | | 87.6 | | 74.8 | | 2.1 | | 90 | |
| Wet Bulb | 15344261 | | | 204965 | | | 74.6 | | | 4.754 | | | 2749 | | | | | | | 83.5 | | 65.8 | | 9.2 | | | | 90 | |
| Dew Point | 13652879 | | | 192853 | | | 70.2 | | | 6.704 | | | 2749 | | | | | | | 70.2 | | 40.2 | | 1.0 | | | | 90 | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILUXI 42-74

SEP

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1500-1700

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|--------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | 20 | 20 | | |
| 92/ 91 | | | | | .1 | .1 | 1.1 | .7 | .5 | .3 | .0 | .0 | .0 | .0 | | | | 32 | 82 | | |
| 90/ 89 | | | | .0 | .6 | 1.9 | 2.1 | 1.1 | .9 | .4 | .1 | .1 | .1 | .0 | | | | 204 | 208 | | |
| 88/ 87 | | | .1 | .2 | 2.6 | 4.3 | 2.1 | 1.6 | .4 | .6 | .1 | .1 | .0 | | | | | 328 | 337 | | |
| 86/ 85 | | .0 | .3 | 1.5 | 6.1 | 5.0 | 2.5 | 1.3 | .7 | .4 | .1 | .1 | .0 | | | | | 493 | 513 | | |
| 84/ 83 | | .1 | .8 | 3.9 | 4.5 | 3.9 | 2.4 | .8 | .8 | .4 | .3 | | .1 | | | | | 494 | 517 | 13 | 2 |
| 82/ 81 | | .1 | 1.8 | 3.4 | 3.4 | 2.3 | 1.2 | .8 | .5 | .4 | .3 | .0 | | | | | | 396 | 422 | 58 | 13 |
| 80/ 79 | | .4 | 2.3 | 2.2 | 1.8 | .9 | .7 | .5 | .5 | .3 | .0 | | | | | | | 262 | 282 | 300 | 32 |
| 78/ 77 | .1 | .9 | 2.1 | 1.2 | .5 | .5 | .5 | .3 | .4 | .0 | .0 | | | | | | | 181 | 194 | 564 | 165 |
| 76/ 75 | .3 | 1.3 | .9 | .7 | .3 | .3 | .1 | .2 | .2 | | | | | | | | | 114 | 125 | 571 | 491 |
| 74/ 73 | .4 | 1.6 | .5 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | 82 | 82 | 466 | 530 |
| 72/ 71 | .3 | .6 | .1 | .4 | | .0 | .1 | | | | | | | | | | | 42 | 43 | 316 | 403 |
| 70/ 69 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | 16 | 16 | 146 | 313 |
| 68/ 67 | .0 | .1 | .1 | | | | .0 | .1 | .1 | | | | | | | | | 14 | 14 | 117 | 244 |
| 66/ 65 | .0 | .1 | .1 | .1 | | .0 | | .0 | | | | | | | | | | 12 | 12 | 82 | 138 |
| 64/ 63 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 52 | 93 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 30 | 80 |
| 60/ 59 | | | | | | .1 | | | | | | | | | | | | 2 | 2 | 15 | 67 |
| 58/ 57 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | 1 | 42 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 6 | 29 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 5 | 28 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 19 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 7 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.2 | 5.4 | 9.1 | 14.1 | 20.2 | 19.6 | 12.8 | 7.6 | 5.2 | 2.8 | 1.2 | .4 | .3 | .1 | | | | | 2873 | | 2744 |
| | | | | | | | | | | | | | | | | | | 2744 | | 2744 | |
| Element (X) | Σ x ² | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | 12860719 | | 193829 | | 67.0 | | 14.101 | | 2744 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | 19819777 | | 238209 | | 82.9 | | 4.907 | | 2744 | | | | 89.5 | 87.2 | 70.9 | .7 | 90 | | | | |
| Wet Bulb | 15160021 | | 203581 | | 74.2 | | 4.521 | | 2744 | | | | 83.7 | 64.7 | 5.6 | | 90 | | | | |
| Dew Point | 13635704 | | 192626 | | 70.2 | | 6.434 | | 2744 | | | | 71.9 | 40.4 | .9 | | 90 | | | | |

PSYCHROMETRIC SUMMARY

13320
STATIC

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74

SLP

MONTH

PAGE 1

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

SEP

STATION

STATION NAME

YEARS

PAGE 1

MONTH
2100-2300
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

FORM 1041-1

JSAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILOXI

42-64,69,73-74

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------------|------|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 82/ 81 | | .0 | .2 | .4 | | | | | | | | | | | | | | 14 | 14 | | | | |
| 80/ 79 | | .2 | 1.1 | .4 | .2 | .0 | | | | | | | .0 | | | | | 42 | 42 | 3 | | | |
| 78/ 77 | | 1.0 | 1.0 | .8 | .1 | | | | | | | | | | | | | 63 | 63 | 16 | 6 | | |
| 76/ 75 | .0 | 2.9 | 1.6 | .5 | | | | | | | | | | | | | | 108 | 120 | 64 | 39 | | |
| 74/ 73 | .3 | 3.7 | 3.0 | .4 | | | .0 | | | | | | | | | | | 162 | 166 | 110 | 102 | | |
| 72/ 71 | .4 | 3.4 | 2.4 | .7 | .1 | | | | | | | | | | | | | 154 | 164 | 152 | 110 | | |
| 70/ 69 | .4 | 3.3 | 3.1 | .8 | .4 | .1 | | .0 | | | | | | | | | | 178 | 208 | 172 | 152 | | |
| 68/ 67 | .6 | 4.3 | 2.6 | 1.5 | .8 | .3 | | .1 | | | | | | | | | | 222 | 260 | 154 | 172 | | |
| 66/ 65 | .4 | 5.1 | 2.9 | 1.5 | .7 | .2 | .0 | .0 | | | | | | | | | | 236 | 262 | 193 | 149 | | |
| 64/ 63 | .6 | 3.1 | 2.4 | 1.6 | 1.1 | .4 | .1 | .0 | | | | | | | | | | 201 | 209 | 171 | 184 | | |
| 62/ 61 | .7 | 2.8 | 2.0 | 1.4 | .7 | .4 | .3 | .0 | | | | | | | | | | 182 | 192 | 197 | 162 | | |
| 60/ 59 | .3 | 2.2 | 1.6 | 1.9 | .8 | .7 | .1 | | | | | | | | | | | 165 | 170 | 169 | 147 | | |
| 58/ 57 | .1 | 1.3 | 1.3 | 1.3 | 1.0 | .4 | .1 | | | | | | | | | | | 119 | 124 | 135 | 152 | | |
| 56/ 55 | .1 | 1.2 | 1.4 | .9 | .6 | .1 | | | | | | | | | | | | 95 | 98 | 139 | 107 | | |
| 54/ 53 | .1 | .4 | 1.0 | 1.2 | .4 | .0 | | | | | | | | | | | | 69 | 69 | 121 | 108 | | |
| 52/ 51 | | .6 | .9 | 1.2 | .3 | .1 | .1 | | | | | | | | | | | 69 | 72 | 88 | 105 | | |
| 50/ 49 | | .3 | .8 | .5 | .2 | .0 | | | | | | | | | | | | 39 | 39 | 92 | 72 | | |
| 48/ 47 | | | .6 | .1 | .1 | .2 | | | | | | | | | | | | 22 | 22 | 76 | 69 | | |
| 46/ 45 | | .0 | .3 | .2 | .1 | .0 | | | | | | | | | | | | 14 | 14 | 50 | 73 | | |
| 44/ 43 | | .2 | .5 | .1 | .1 | | | | | | | | | | | | | 18 | 18 | 31 | 54 | | |
| 42/ 41 | | .0 | .0 | .1 | | | | | | | | | | | | | | 4 | 4 | 14 | 83 | | |
| 40/ 39 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 19 | 55 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 9 | 16 | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 29 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 11 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| TOTAL | 4.0 | 36.0 | 30.5 | 17.6 | 7.7 | 3.1 | .8 | .3 | | | | | .0 | | | | | 2177 | 2331 | | 2177 | | |
| | | | | | | | | | | | | | | | | | | 2177 | | 2177 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | |
| Rel. Hum. | 14741963 | | 176947 | | 81.3 | | 12.857 | | 2177 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 93 | | | | | | |
| Dry Bulb | 9963525 | | 151337 | | 64.9 | | 7.701 | | 2331 | | | | 41.4 | 16.2 | 1.5 | | 93 | | | | | | |
| Wet Bulb | 8325552 | | 133290 | | 61.2 | | 8.699 | | 2177 | | | | 28.7 | 8.2 | | | 93 | | | | | | |
| Dew Point | 7726882 | | 127650 | | 58.6 | | 10.546 | | 2177 | | | .9 | 24.8 | 6.3 | | | 93 | | | | | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI

42-65,67,69-74

OCT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0300-0500

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|--------|------|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 82/ 81 | | | .1 | .4 | | | | | | | | | | | | | | 17 | 12 | | | |
| 80/ 79 | | .1 | .6 | .6 | .2 | .1 | | | | .0 | | | | | | | | 41 | 41 | | | |
| 78/ 77 | | .6 | .8 | .4 | .0 | | | | | | | | | | | | | 45 | 45 | 12 | 3 | |
| 76/ 75 | .1 | 2.1 | .7 | .1 | .0 | | | | | | | | | | | | | 75 | 82 | 56 | 30 | |
| 74/ 73 | .6 | 4.1 | 1.8 | .1 | .0 | | | | | | | | | | | | | 163 | 169 | 115 | 112 | |
| 72/ 71 | .9 | 3.1 | 1.7 | .2 | | | | | | | | | | | | | | 148 | 158 | 158 | 132 | |
| 70/ 69 | .6 | 3.6 | 1.8 | .4 | .1 | .0 | | | | | | | | | | | | 160 | 171 | 149 | 141 | |
| 68/ 67 | .7 | 4.0 | 2.9 | 1.0 | .2 | .1 | | | | | | | | | | | | 217 | 250 | 154 | 139 | |
| 66/ 65 | .6 | 4.4 | 3.0 | 1.3 | .4 | | | | | | | | | | | | | 239 | 260 | 180 | 174 | |
| 64/ 63 | .7 | 4.1 | 2.4 | 1.2 | .6 | .2 | .0 | | | | | | | | | | | 227 | 245 | 188 | 172 | |
| 62/ 61 | .7 | 3.9 | 2.7 | 1.2 | .9 | .1 | .0 | | | | | | | | | | | 234 | 247 | 224 | 176 | |
| 60/ 59 | .6 | 3.2 | 2.1 | 1.7 | .6 | .5 | | .0 | | | | | | | | | | 217 | 225 | 209 | 182 | |
| 58/ 57 | .1 | 1.9 | 2.0 | 1.7 | .8 | .2 | | .0 | | | | | | | | | | 165 | 169 | 175 | 181 | |
| 56/ 55 | .2 | 1.5 | 1.4 | 1.1 | .7 | .1 | .0 | | | | | | | | | | | 123 | 128 | 148 | 151 | |
| 54/ 53 | .2 | 1.2 | 1.2 | 1.4 | .6 | .1 | | | | | | | | | | | | 112 | 117 | 155 | 105 | |
| 52/ 51 | | 1.3 | 1.6 | .7 | .3 | | | | | | | | | | | | | 98 | 98 | 112 | 124 | |
| 50/ 49 | .0 | .4 | 1.4 | .8 | .2 | | | | | | | | | | | | | 68 | 70 | 119 | 123 | |
| 48/ 47 | | .3 | 1.5 | .2 | | | | | | | | | | | | | | 51 | 52 | 103 | 98 | |
| 46/ 45 | | .3 | .4 | .2 | .1 | .0 | | | | | | | | | | | | 26 | 26 | 77 | 78 | |
| 44/ 43 | | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 15 | 15 | 59 | 89 | |
| 42/ 41 | | .1 | .5 | .1 | | | | | | | | | | | | | | 18 | 18 | 19 | 70 | |
| 40/ 39 | | .1 | .2 | .1 | | | | | | | | | | | | | | 9 | 9 | 18 | 82 | |
| 38/ 37 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 19 | 27 | |
| 36/ 35 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 34 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 4 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | 6.0 | 40.6 | 30.9 | 15.0 | 5.8 | 1.5 | .1 | .1 | | .0 | | | | | | | | | | 2630 | | 2466 |
| | | | | | | | | | | | | | | | | | | 2466 | | | 2466 | |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | |
| Rel. Hum. | 17405538 | | 205032 | | 83.1 | | 12.059 | | 2466 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | |
| Dry Bulb | 10651536 | | 165996 | | 63.1 | | 8.146 | | 2630 | | | | 32.8 | 12.3 | 1.1 | | 93 | | | | | |
| Wet Bulb | 9045690 | | 147692 | | 59.9 | | 9.013 | | 2466 | | | | 21.2 | 6.9 | | | 93 | | | | | |
| Dew Point | 8448969 | | 141953 | | 57.6 | | 10.612 | | 2466 | | | | 21.1 | 5.5 | | | 93 | | | | | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILOXI 42-67,69-74

OCT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0600-0800

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 86/ 85 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | | | | |
| 84/ 83 | | | | .1 | .1 | .0 | | | | | | | | | | | | 7 | 7 | | | | | |
| 82/ 81 | | | .3 | .6 | .1 | .0 | | | | | | | | | | | | 27 | 27 | | | | | |
| 80/ 79 | | .1 | .7 | .5 | .2 | .1 | | | | | | | | | | | | 43 | 44 | | | | | |
| 78/ 77 | .1 | 1.0 | .7 | .5 | .3 | | | | | | | | | | | | | 70 | 73 | 24 | 5 | | | |
| 76/ 75 | .1 | 2.1 | 1.7 | .8 | .2 | .0 | | | | | | | | | | | | 137 | 143 | 76 | 48 | | | |
| 74/ 73 | .5 | 2.2 | 2.5 | .7 | .3 | .1 | | | | | | | | | | | | 177 | 191 | 129 | 115 | | | |
| 72/ 71 | .8 | 2.0 | 2.4 | .7 | .4 | .1 | .0 | | | | | | | | | | | 185 | 212 | 169 | 128 | | | |
| 70/ 69 | .5 | 2.4 | 2.6 | 1.2 | .8 | .2 | .1 | .0 | .0 | | | | | | | | | 219 | 239 | 178 | 163 | | | |
| 68/ 67 | .3 | 2.9 | 2.8 | 1.0 | 1.2 | .3 | .3 | .0 | | | | | | | | | | 246 | 277 | 163 | 170 | | | |
| 66/ 65 | .3 | 3.3 | 3.0 | 1.5 | .8 | .3 | .1 | | | | | | | | | | | 258 | 286 | 194 | 171 | | | |
| 64/ 63 | .7 | 3.4 | 2.2 | 2.0 | .9 | .4 | .1 | .0 | | | | | | | | | | 271 | 284 | 242 | 187 | | | |
| 62/ 61 | .4 | 2.5 | 2.0 | 1.8 | .7 | .4 | .2 | | | | | | | | | | | 221 | 232 | 238 | 202 | | | |
| 60/ 59 | .3 | 2.2 | 2.0 | 1.8 | .9 | .4 | .1 | | | | | | | | | | | 212 | 219 | 215 | 204 | | | |
| 58/ 57 | .1 | 1.1 | 1.7 | 2.0 | 1.0 | .2 | .1 | | | | | | | | | | | 172 | 177 | 202 | 178 | | | |
| 56/ 55 | .1 | 1.0 | 2.0 | 1.5 | .9 | .1 | | | | | | | | | | | | 157 | 159 | 185 | 161 | | | |
| 54/ 53 | .1 | 1.2 | 1.0 | 1.2 | .5 | .2 | .1 | | | | | | | | | | | 117 | 119 | 161 | 150 | | | |
| 52/ 51 | .1 | .6 | 1.0 | 1.0 | .4 | .0 | .0 | | | | | | | | | | | 87 | 89 | 164 | 143 | | | |
| 50/ 49 | | .5 | 1.0 | .5 | .3 | .0 | | | | | | | | | | | | 66 | 66 | 123 | 147 | | | |
| 48/ 47 | | .3 | .9 | .4 | .1 | | | | | | | | | | | | | 46 | 47 | 114 | 131 | | | |
| 46/ 45 | | .3 | .6 | .2 | .1 | | | | | | | | | | | | | 30 | 30 | 79 | 108 | | | |
| 44/ 43 | | .1 | .2 | .3 | .1 | | | | | | | | | | | | | 17 | 17 | 55 | 88 | | | |
| 42/ 41 | | .1 | .4 | .1 | | | | | | | | | | | | | | 14 | 14 | 26 | 89 | | | |
| 40/ 39 | | .1 | .1 | .0 | | | | | | | | | | | | | | 6 | 6 | 21 | 74 | | | |
| 38/ 37 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 17 | 38 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 7 | 38 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 20 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 11 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 4.3 | 29.4 | 31.6 | 20.4 | 10.0 | 3.0 | 1.0 | .1 | .0 | | | | | | | | | 2788 | 2961 | 2788 | 2788 | | | |
| Element (X) | Σx² | | Σx | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | | |
| Rel. Hum. | 18217253 | | 222561 | | 79.8 | | 12.7 | | 15 | | 2788 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | | |
| Dry Bulb | 12378413 | | 189881 | | 64.1 | | 8.2 | | 58 | | 2961 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | | |
| Wet Bulb | 10302156 | | 167630 | | 60.1 | | 8.9 | | 51 | | 2788 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | | |
| Dew Point | 9470211 | | 159779 | | 57.3 | | 10.6 | | 03 | | 2788 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | | |

USAFETAC FORM 0-26.5 (OL A) JUL 54 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILOXI 42-67,69-74

OCT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|------------|-------|--------|-----------|---------|---------|------------|---------|---------|----------|---------|---------|------------------------------------|--------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 90/ 89 | | | | | | .1 | .1 | | | | | | | | | | | 7 | 8 | | | | | |
| 88/ 87 | | | | | | .4 | .1 | .1 | .1 | .0 | | | | | | | | 20 | 22 | | | | | |
| 86/ 85 | | | | .3 | .9 | .9 | .6 | .2 | .5 | .1 | .0 | .1 | | | | | | 97 | 102 | | | | | |
| 84/ 83 | | | .1 | 1.0 | 1.1 | 1.0 | .6 | .4 | .4 | .2 | | .1 | | | | | | 139 | 147 | | | | | |
| 82/ 81 | | .0 | .4 | 1.6 | 1.9 | 1.3 | 1.3 | .9 | .5 | .2 | .1 | .1 | | | | | | 234 | 252 | | | | | |
| 80/ 79 | | .2 | 1.0 | 2.2 | 2.1 | 1.8 | 1.7 | 1.0 | .8 | .2 | .1 | .1 | | | | | | 316 | 353 | 30 | 2 | | | |
| 78/ 77 | | .4 | 1.3 | 2.2 | 2.3 | 1.7 | 1.2 | .9 | .7 | .2 | .1 | .1 | | | | | | 312 | 343 | 92 | 17 | | | |
| 76/ 75 | .1 | .7 | 1.5 | 2.1 | 1.9 | 1.7 | 1.5 | 1.2 | .6 | .4 | .1 | | | | | | | 330 | 351 | 157 | 34 | | | |
| 74/ 73 | .1 | .6 | .9 | 1.5 | 1.6 | 1.3 | 1.2 | .7 | .4 | .3 | | | | | | | | 242 | 252 | 249 | 147 | | | |
| 72/ 71 | .1 | .4 | .9 | 1.8 | 1.3 | 1.4 | 1.0 | .4 | .7 | .3 | | .0 | | | | | | 231 | 237 | 248 | 168 | | | |
| 70/ 69 | | .5 | 1.3 | 1.1 | 1.1 | 1.1 | .7 | .5 | .5 | .1 | .1 | | | | | | | 197 | 204 | 271 | 218 | | | |
| 68/ 67 | .2 | .4 | .9 | .9 | 1.1 | .8 | .7 | .6 | .4 | .0 | | | | | | | | 172 | 177 | 280 | 201 | | | |
| 66/ 65 | .1 | .3 | .5 | .5 | .6 | .7 | 1.0 | .6 | .4 | | | | | | | | | 137 | 139 | 275 | 203 | | | |
| 64/ 63 | | .3 | .5 | .4 | .5 | .5 | .8 | .5 | .1 | .0 | | | | | | | | 102 | 104 | 230 | 212 | | | |
| 62/ 61 | .0 | .1 | .4 | .5 | .7 | .8 | .4 | .2 | .1 | | | | | | | | | 90 | 91 | 204 | 221 | | | |
| 60/ 59 | .0 | .1 | .2 | .4 | .6 | .7 | .4 | .1 | | | | | | | | | | 73 | 73 | 156 | 179 | | | |
| 58/ 57 | | .1 | .3 | .4 | .3 | .3 | .2 | .0 | | | | | | | | | | 43 | 43 | 127 | 164 | | | |
| 56/ 55 | | .1 | .3 | .2 | .3 | .2 | .1 | .1 | | | | | | | | | | 38 | 38 | 124 | 159 | | | |
| 54/ 53 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 15 | 15 | 108 | 118 | | | |
| 52/ 51 | | | | .1 | .0 | .1 | .0 | | | | | | | | | | | 6 | 6 | 113 | 106 | | | |
| 50/ 49 | | | | .1 | .1 | .1 | | | | | | | | | | | | 6 | 6 | 68 | 105 | | | |
| 48/ 47 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | 39 | 80 | | | |
| 46/ 45 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 22 | 79 | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 6 | 76 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 8 | 75 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 66 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 38 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 32 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 26 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | Σx^2 | | | Σx | | | \bar{x} | | | σ_x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

OCT

PAGE 2

MONTH
0900-1100
HOURS (L. S. T.)

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 11-A1

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-67,69-74

OCT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1200-1400

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 92/ 91 | | | | | | | .0 | | | | | | | | | | | 1 | 4 | | | | | |
| 90/ 89 | | | | | | .2 | .2 | .1 | .2 | .1 | .1 | | | .0 | | | | 30 | 32 | | | | | |
| 88/ 87 | | | | | .5 | .9 | .3 | .1 | .4 | .4 | .2 | .1 | .0 | .0 | | | | 80 | 87 | | | | | |
| 86/ 85 | | | | .3 | .8 | 1.6 | 1.1 | 1.1 | .5 | .5 | .2 | .1 | .2 | .1 | | | | 187 | 198 | | | | | |
| 84/ 83 | | | .1 | .9 | 1.8 | 1.9 | 1.1 | 1.3 | .9 | .8 | .6 | .1 | .2 | .0 | | | | 276 | 294 | | | | | |
| 82/ 81 | | | .3 | 1.5 | 2.5 | 2.4 | 2.0 | 1.4 | .9 | .7 | .5 | .4 | .1 | | | | | 355 | 384 | 3 | | | | |
| 80/ 79 | | .2 | .5 | 1.8 | 3.4 | 3.1 | 1.6 | 1.5 | 1.5 | 1.1 | .4 | .5 | .1 | | | | | 440 | 484 | 41 | 4 | | | |
| 78/ 77 | | .1 | .7 | 1.4 | 2.1 | 2.4 | 1.9 | 1.3 | .9 | .9 | .4 | .1 | .0 | .0 | | | | 345 | 364 | 111 | 28 | | | |
| 76/ 75 | | .5 | .5 | 2.1 | 1.5 | 1.7 | 1.2 | 1.2 | .6 | .5 | .2 | .1 | .0 | | | | | 287 | 295 | 186 | 81 | | | |
| 74/ 73 | .1 | .4 | .7 | 1.0 | .9 | .6 | .7 | 1.2 | .7 | .6 | .5 | .1 | | | | | | 211 | 215 | 276 | 141 | | | |
| 72/ 71 | .0 | .2 | .5 | 1.0 | .7 | .9 | .6 | .8 | .6 | .4 | .1 | .0 | | | | | | 167 | 174 | 329 | 197 | | | |
| 70/ 69 | | .1 | .4 | .5 | .4 | .4 | .6 | .7 | .7 | .3 | .1 | | | | | | | 119 | 121 | 328 | 223 | | | |
| 68/ 67 | .1 | .1 | .3 | .2 | .3 | .2 | .5 | .9 | .6 | .2 | .1 | | | | | | | 102 | 102 | 294 | 245 | | | |
| 66/ 65 | | .1 | .1 | .2 | .1 | .2 | .5 | .7 | .3 | .1 | | | | | | | | 68 | 68 | 248 | 237 | | | |
| 64/ 63 | .1 | .2 | .1 | .4 | .1 | .4 | .4 | .2 | .2 | | | | | | | | | 60 | 60 | 212 | 215 | | | |
| 62/ 61 | | .1 | .0 | .2 | .2 | .2 | .1 | .0 | .1 | | | | | | | | | 29 | 29 | 180 | 183 | | | |
| 60/ 59 | .0 | .1 | .1 | .0 | .1 | .1 | .1 | .1 | | | | | | | | | | 17 | 17 | 154 | 156 | | | |
| 58/ 57 | | | .2 | | .1 | .1 | .1 | .0 | | | | | | | | | | 14 | 14 | 105 | 147 | | | |
| 56/ 55 | | .1 | .0 | .1 | .1 | .0 | .1 | | | | | | | | | | | 13 | 13 | 103 | 136 | | | |
| 54/ 53 | | | .1 | .0 | .1 | .0 | .0 | | | | | | | | | | | 7 | 7 | 112 | 113 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 65 | 110 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 33 | 97 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 16 | 71 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 7 | 83 | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 5 | 74 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 74 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 52 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 54 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 24 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 17 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 25 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 12 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

MONTH
1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

13820
STATIC

KEESLER AFB MISSISSIPPI/BILOXI

42-67,69-74

OCT

PAGE 1

1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

BCT

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KLEESLER AFB MISSISSIPPI/BILOXI

42-67,69-74

OCT

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1800-2000

HOURS (L. S. T.)

| Temp. (F) | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|----------|-------------------------------------|--------|------|------|-----|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----|----------|----------|-----------|--------------------|-------|----|--|
| | | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 86/ 85 | | | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | | | |
| 84/ 83 | | | | | .4 | .2 | | | | | | | | | | | | | | 16 | 16 | | | | |
| 82/ 81 | | .0 | .3 | .9 | .4 | .0 | | .0 | | | | | | | | | | | | 46 | 46 | | | | |
| 80/ 79 | | .2 | 2.4 | 1.6 | 1.4 | .4 | .1 | | | .0 | | | | | | | | | | 174 | 179 | 1 | | | |
| 78/ 77 | | .8 | 2.7 | 2.4 | 1.3 | .6 | .2 | .0 | .1 | .0 | .0 | | | | | | | | | 228 | 250 | 45 | 9 | | |
| 76/ 75 | .1 | 1.7 | 3.1 | 2.9 | 1.4 | .7 | .4 | .2 | .1 | .1 | | | | | | | | | | 297 | 321 | 135 | 67 | | |
| 74/ 73 | .2 | 1.6 | 4.6 | 3.2 | 1.3 | .7 | .5 | .2 | .0 | | | | | | | | | | | 344 | 375 | 216 | 154 | | |
| 72/ 71 | .1 | 2.1 | 3.4 | 3.3 | 1.3 | 1.0 | .6 | .2 | .0 | | | | | | | | | | | 356 | 392 | 256 | 193 | | |
| 70/ 69 | .4 | 1.6 | 3.8 | 2.5 | 1.5 | 1.0 | .4 | .2 | .1 | | | | | | | | | | | 322 | 340 | 340 | 272 | | |
| 68/ 67 | .2 | 1.8 | 2.4 | 1.3 | 1.5 | .9 | .5 | .2 | | | | | | | | | | | | 248 | 255 | 300 | 269 | | |
| 66/ 65 | .2 | 1.1 | 2.1 | 1.4 | 1.2 | .8 | .6 | .0 | .0 | | | | | | | | | | | 211 | 217 | 304 | 284 | | |
| 64/ 63 | .0 | .7 | 1.0 | 1.1 | .9 | 1.0 | .4 | .2 | | | | | | | | | | | | 146 | 148 | 223 | 248 | | |
| 62/ 61 | .1 | .7 | 1.0 | .8 | .9 | .5 | .3 | .1 | | | | | | | | | | | | 128 | 131 | 217 | 170 | | |
| 60/ 59 | .0 | .8 | .5 | .7 | .9 | .5 | .1 | .1 | .0 | | | | | | | | | | | 104 | 104 | 166 | 179 | | |
| 58/ 57 | | .4 | .4 | .7 | .7 | .4 | .1 | .0 | | | | | | | | | | | | 77 | 81 | 154 | 147 | | |
| 56/ 55 | .1 | .1 | .3 | .5 | .5 | .4 | .1 | | | | | | | | | | | | | 53 | 53 | 122 | 159 | | |
| 54/ 53 | .0 | .0 | .2 | .4 | .1 | .1 | | | | | | | | | | | | | | 22 | 22 | 106 | 111 | | |
| 52/ 51 | | | .0 | .3 | .1 | | | | | | | | | | | | | | | 13 | 13 | 83 | 95 | | |
| 50/ 49 | | .0 | .1 | .1 | .2 | | | | | | | | | | | | | | | 13 | 13 | 58 | 80 | | |
| 48/ 47 | | | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 36 | 81 | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | 23 | 74 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | 15 | 58 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | 4 | 45 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | 16 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.6 | 13.8 | 28.6 | 24.4 | 16.4 | 8.9 | 4.4 | 1.4 | .4 | .1 | .0 | | | | | | | | | 2804 | 2960 | 2804 | 2804 | | |
| Element (X) | Σx' | | Σx | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | Total | | |
| Rel. Hum | 16145968 | | 209304 | | 74.6 | | 13.653 | | 2804 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | 93 | | |
| Dry Bulb | 14686171 | | 207581 | | 70.1 | | 6.597 | | 2804 | | | | 66.3 | 37.3 | 4.7 | | | | | | | | 93 | | |
| Wet Bulb | 11861324 | | 181166 | | 64.6 | | 7.470 | | 2804 | | | | 42.9 | 13.2 | | | | | | | | | 93 | | |
| Dew Point | 10743316 | | 171492 | | 61.2 | | 9.536 | | 2804 | | | | .3 | 32.0 | 7.6 | | | | | | | | 93 | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

1

NEV

YEARS

MONTH

0000-0200

HOURS (L, S, T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

YEARS

NDV

PAGE 2

MONTH
0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC 162M 0 26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

NUV

YEARS

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

NUV

YEARS

0300-0500

HOURS (L, S, I.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

NOV

STATION

STATION NAME

YEARS

PAGE 1

MONTH
0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 78/ 77 | | .0 | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | | | | |
| 76/ 75 | | .3 | .3 | .1 | .1 | .0 | | | | | | | | | | | | | 29 | 28 | | | | |
| 74/ 73 | .1 | .5 | .6 | .1 | | | | | | | | | | | | | | | 37 | 39 | 19 | 11 | | |
| 72/ 71 | .2 | 1.6 | .9 | .4 | .0 | | | | | | | | | | | | | | 89 | 89 | 46 | 33 | | |
| 70/ 69 | 1.0 | 1.9 | 1.9 | .3 | .1 | | | | | | | | | | | | | | 149 | 154 | 102 | 86 | | |
| 68/ 67 | 1.1 | 2.2 | 1.5 | .3 | | | | | | | | | | | | | | | 144 | 155 | 129 | 120 | | |
| 66/ 65 | 1.3 | 2.5 | 1.3 | .4 | .0 | .0 | .0 | | | | | | | | | | | | 158 | 170 | 168 | 141 | | |
| 64/ 63 | 1.0 | 2.7 | 1.4 | .3 | .0 | | | | | | | | | | | | | | 155 | 164 | 141 | 141 | | |
| 62/ 61 | .7 | 3.1 | 1.0 | .6 | .1 | .1 | | | | | | | | | | | | | 159 | 163 | 148 | 132 | | |
| 60/ 59 | .5 | 3.4 | 1.6 | .7 | .2 | .1 | | | | | | | | | | | | | 182 | 190 | 152 | 142 | | |
| 58/ 57 | .5 | 2.6 | 1.9 | .9 | .4 | .2 | .1 | | | | | | | | | | | | 192 | 197 | 147 | 151 | | |
| 56/ 55 | .4 | 1.9 | 1.8 | .8 | .6 | .1 | .0 | | | | | | | | | | | | 158 | 170 | 153 | 128 | | |
| 54/ 53 | .7 | 1.7 | 2.1 | .8 | .5 | .2 | .1 | | | | | | | | | | | | 174 | 188 | 146 | 123 | | |
| 52/ 51 | .3 | 1.5 | 1.8 | 1.2 | .8 | .1 | .0 | | | | | | | | | | | | 164 | 171 | 136 | 112 | | |
| 50/ 49 | .5 | 1.7 | 2.3 | 1.5 | .8 | .1 | | | | | | | | | | | | | 194 | 199 | 159 | 133 | | |
| 48/ 47 | .2 | 1.6 | 1.8 | 1.7 | .9 | .1 | | | | | | | | | | | | | 179 | 181 | 153 | 134 | | |
| 46/ 45 | | 1.3 | 2.7 | 1.7 | .5 | | | | | | | | | | | | | | 174 | 184 | 175 | 100 | | |
| 44/ 43 | | 1.3 | 2.0 | 1.3 | .3 | | | | | | | | | | | | | | 140 | 145 | 160 | 135 | | |
| 42/ 41 | .1 | 1.1 | 1.6 | 1.2 | .1 | | | | | | | | | | | | | | 114 | 117 | 178 | 133 | | |
| 40/ 39 | .1 | .5 | 1.6 | .8 | .0 | | | | | | | | | | | | | | 87 | 88 | 165 | 132 | | |
| 38/ 37 | .1 | .8 | 1.1 | .4 | .1 | | | | | | | | | | | | | | 68 | 70 | 113 | 141 | | |
| 36/ 35 | | .3 | .7 | .1 | | | | | | | | | | | | | | | 31 | 31 | 98 | 105 | | |
| 34/ 33 | | .1 | .6 | .0 | | | | | | | | | | | | | | | 20 | 20 | 57 | 112 | | |
| 32/ 31 | | .3 | .4 | .1 | | | | | | | | | | | | | | | 21 | 22 | 28 | 126 | | |
| 30/ 29 | | .1 | .1 | .0 | | | | | | | | | | | | | | | 7 | 10 | 27 | 83 | | |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 13 | 59 | | |
| 26/ 25 | | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 44 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 | 32 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 15 | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KLESLE AFB MISSISSIPPI/BILOXI

42-74

NGV

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | .1 | | | | .0 | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | .0 | .2 | | .1 | | | | | | | | | | | 9 | 9 | | |
| 80/ 79 | | | .2 | .4 | .4 | .4 | .1 | .1 | | | | | | | | | | 46 | 46 | 2 | |
| 78/ 77 | | | .5 | 1.1 | .6 | .4 | .2 | .1 | | .0 | | | | | | | | 79 | 79 | | 2 |
| 76/ 75 | | .1 | 1.2 | 2.0 | 1.3 | .5 | .3 | .1 | .0 | .0 | | | | | | | | 158 | 158 | 8 | 3 |
| 74/ 73 | .1 | .8 | 1.5 | 2.0 | 1.2 | .7 | .4 | .2 | .1 | | | | | | | | | 195 | 203 | 51 | 13 |
| 72/ 71 | .2 | 1.0 | 1.7 | 1.8 | 1.2 | .8 | .4 | .2 | .2 | .0 | | | | | | | | 214 | 225 | 126 | 59 |
| 70/ 69 | .2 | 1.2 | 1.8 | 1.8 | 1.0 | .8 | .5 | .2 | .4 | .1 | | | | | | | | 227 | 244 | 180 | 115 |
| 68/ 67 | .2 | 1.3 | 1.4 | 1.1 | 1.2 | 1.0 | .5 | .4 | .2 | .0 | .0 | | | | | | | 205 | 214 | 201 | 155 |
| 66/ 65 | .2 | 1.0 | 1.6 | 1.0 | .9 | 1.4 | .7 | .5 | .2 | .1 | | | | | | | | 211 | 227 | 199 | 166 |
| 64/ 63 | .3 | .6 | 1.0 | 1.3 | 1.1 | 1.0 | .6 | .5 | .2 | | | | | | | | | 189 | 196 | 170 | 178 |
| 62/ 61 | .0 | .9 | .8 | 1.4 | 1.3 | 1.5 | .8 | .7 | .1 | | | | | | | | | 214 | 223 | 159 | 137 |
| 60/ 59 | .0 | .8 | .7 | 1.2 | 1.3 | 1.1 | .6 | .5 | .2 | | | | | | | | | 179 | 192 | 161 | 148 |
| 58/ 57 | .1 | .5 | .7 | .9 | 1.2 | 1.2 | .7 | .4 | | | | | | | | | | 161 | 165 | 166 | 130 |
| 56/ 55 | .1 | .5 | .7 | 1.2 | 1.2 | 1.0 | .6 | .2 | | | | | | | | | | 158 | 163 | 174 | 131 |
| 54/ 53 | .2 | .4 | .3 | 1.2 | 1.1 | 1.1 | .4 | .2 | | | | | | | | | | 137 | 139 | 171 | 131 |
| 52/ 51 | .2 | .2 | .5 | 1.2 | .9 | 1.0 | .5 | | | | | | | | | | | 130 | 132 | 185 | 128 |
| 50/ 49 | .1 | .4 | .7 | .6 | .8 | .5 | .3 | | | | | | | | | | | 97 | 100 | 152 | 109 |
| 48/ 47 | | .0 | .5 | 1.2 | .7 | .5 | .0 | | | | | | | | | | | 84 | 88 | 76 | 117 |
| 46/ 45 | | .2 | .2 | .6 | .6 | .4 | .0 | | | | | | | | | | | 55 | 60 | 153 | 127 |
| 44/ 43 | | .0 | .3 | .5 | .5 | .2 | .0 | | | | | | | | | | | 44 | 44 | 119 | 122 |
| 42/ 41 | | .0 | .1 | .2 | .4 | .0 | | | | | | | | | | | | 22 | 22 | 107 | 131 |
| 40/ 39 | | | | .1 | .2 | | | | | | | | | | | | | 8 | 9 | 73 | 122 |
| 38/ 37 | | | | .2 | .0 | | | | | | | | | | | | | 6 | 6 | 41 | 99 |
| 36/ 35 | | | .1 | .1 | .0 | | | | | | | | | | | | | 5 | 6 | 30 | 71 |
| 34/ 33 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 18 | 110 |
| 32/ 31 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 11 | 68 |
| 30/ 29 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 2 | 66 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 46 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 54 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 45 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 23 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 11 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 9 |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

NOV

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

NGV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

YEARS

MONTH

HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILOXI

42-74

NOV

STATION

STATION NAME

YEARS

PAGE 1

1500-1700

MONTH

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 82/ 81 | | | | .1 | .0 | | | | | | | | | | | | | 3 | 3 | | | | | |
| 80/ 79 | | | .1 | .3 | .3 | .2 | .1 | | | | .0 | | | | | | | 31 | 31 | | | | | |
| 78/ 77 | | .2 | .3 | .8 | .6 | .2 | .0 | .1 | | | | | | | | | | 65 | 66 | | | | | |
| 76/ 75 | | .2 | 1.2 | 1.6 | .8 | .2 | .2 | .0 | .2 | .0 | | | | | | | | 131 | 133 | 11 | 4 | | | |
| 74/ 73 | .0 | .6 | 2.0 | 2.5 | .9 | .6 | .4 | .2 | .0 | .2 | .1 | | | | | | | 216 | 229 | 38 | 14 | | | |
| 72/ 71 | .1 | 1.0 | 3.0 | 2.6 | 1.3 | .7 | .6 | .2 | .1 | .1 | .0 | | | | | | | 280 | 294 | 109 | 46 | | | |
| 70/ 69 | .2 | 1.1 | 2.3 | 2.3 | 1.6 | 1.2 | .5 | .1 | .5 | .3 | .1 | .0 | | | | | | 286 | 299 | 184 | 109 | | | |
| 68/ 67 | .1 | 1.3 | 2.3 | 1.8 | 1.7 | 1.7 | .5 | .6 | .5 | .2 | .1 | | | | | | | 304 | 316 | 227 | 159 | | | |
| 66/ 65 | .2 | 1.2 | 1.8 | 1.9 | 2.0 | 1.2 | 1.1 | .5 | .4 | .2 | | | | | | | | 294 | 312 | 207 | 212 | | | |
| 64/ 63 | .2 | .4 | .8 | 1.5 | 1.8 | 1.7 | .7 | .9 | .3 | .1 | | | | | | | | 241 | 250 | 232 | 194 | | | |
| 62/ 61 | .1 | .3 | .8 | 1.1 | 1.4 | 1.3 | 1.1 | .6 | .3 | | | | | | | | | 206 | 214 | 190 | 139 | | | |
| 60/ 59 | .2 | .8 | .7 | 1.0 | 1.6 | 1.3 | 1.2 | .6 | .4 | .0 | | | | | | | | 223 | 229 | 221 | 177 | | | |
| 58/ 57 | .1 | .4 | .6 | .7 | 1.1 | .7 | .8 | .6 | .0 | | | | | | | | | 143 | 148 | 196 | 151 | | | |
| 56/ 55 | | .6 | .3 | .8 | .7 | .7 | .6 | .3 | .0 | | | | | | | | | 115 | 122 | 185 | 141 | | | |
| 54/ 53 | .1 | .3 | .2 | .5 | .5 | .4 | .4 | .2 | | | | | | | | | | 73 | 74 | 220 | 154 | | | |
| 52/ 51 | .0 | .1 | .3 | .5 | .5 | .4 | .4 | | | | | | | | | | | 64 | 69 | 171 | 147 | | | |
| 50/ 49 | .0 | .2 | .5 | .2 | .4 | .2 | .3 | | | | | | | | | | | 53 | 55 | 182 | 138 | | | |
| 48/ 47 | .1 | .2 | .5 | .3 | .4 | .2 | .1 | | | | | | | | | | | 51 | 54 | 121 | 120 | | | |
| 46/ 45 | | .3 | .1 | .3 | .1 | .3 | .0 | | | | | | | | | | | 33 | 35 | 120 | 111 | | | |
| 44/ 43 | | .1 | .1 | .0 | .1 | .1 | | | | | | | | | | | | 13 | 13 | 88 | 125 | | | |
| 42/ 41 | | | | .0 | .1 | .1 | | | | | | | | | | | | 6 | 6 | 59 | 113 | | | |
| 40/ 39 | | | | | .1 | | | | | | | | | | | | | 2 | 2 | 33 | 103 | | | |
| 38/ 37 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 16 | 72 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 13 | 86 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 7 | 71 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 47 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 51 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 34 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 32 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 21 | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 25 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

NOV

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILDXI

42-74

NOV

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1800-2000

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 78/ 77 | | .2 | .1 | .1 | .0 | | | | | | | | | | | | | 13 | 13 | | | | |
| 76/ 75 | | .6 | .8 | .2 | .1 | | | | | | | | | | | | | 48 | 48 | | 6 | | |
| 74/ 73 | .1 | .9 | 1.0 | .3 | .1 | | | | | | | | | | | | | 68 | 71 | 31 | 12 | | |
| 72/ 71 | .2 | 1.9 | 2.5 | .4 | .0 | | .0 | | | | | | | | | | | 144 | 145 | 65 | 41 | | |
| 70/ 69 | .7 | 3.3 | 2.9 | 1.7 | .4 | .1 | | | | | | | | | | | | 258 | 268 | 125 | 111 | | |
| 68/ 67 | .4 | 2.9 | 3.1 | 1.2 | .4 | .2 | .0 | | | | | | | | | | | 230 | 238 | 219 | 143 | | |
| 66/ 65 | .6 | 2.8 | 2.9 | 1.8 | .8 | .1 | .0 | | | | | | | | | | | 255 | 265 | 184 | 189 | | |
| 64/ 63 | .5 | 1.9 | 2.2 | 1.8 | .7 | .3 | .1 | .0 | | | | | | | | | | 215 | 228 | 220 | 180 | | |
| 62/ 61 | .4 | 2.1 | 2.3 | 2.4 | 1.2 | .3 | .3 | .1 | | | | | | | | | | 256 | 275 | 176 | 168 | | |
| 60/ 59 | .3 | 1.6 | 1.9 | 1.8 | 1.0 | .4 | .4 | .0 | | | | | | | | | | 209 | 227 | 215 | 180 | | |
| 58/ 57 | .1 | 1.1 | 1.9 | 1.6 | .9 | .8 | .5 | | | | | | | | | | | 199 | 209 | 186 | 163 | | |
| 56/ 55 | | .8 | 2.1 | 1.6 | 1.4 | .7 | .2 | | | | | | | | | | | 194 | 199 | 186 | 147 | | |
| 54/ 53 | .1 | 1.0 | 1.7 | 1.7 | .9 | .8 | .3 | | | | | | | | | | | 183 | 186 | 154 | 142 | | |
| 52/ 51 | .2 | .6 | 1.4 | 1.2 | 1.0 | .7 | .1 | | | | | | | | | | | 148 | 151 | 187 | 167 | | |
| 50/ 49 | .1 | .6 | 1.3 | 1.2 | .9 | .6 | .0 | | | | | | | | | | | 133 | 138 | 173 | 134 | | |
| 48/ 47 | .1 | .5 | .7 | 1.2 | .7 | .3 | | | | | | | | | | | | 98 | 102 | 177 | 140 | | |
| 46/ 45 | .1 | .4 | 1.0 | .7 | .3 | .2 | | | | | | | | | | | | 76 | 80 | 140 | 142 | | |
| 44/ 43 | .0 | .2 | .7 | .5 | .4 | .1 | | | | | | | | | | | | 52 | 53 | 117 | 105 | | |
| 42/ 41 | .0 | .1 | .2 | .1 | .3 | .0 | | | | | | | | | | | | 22 | 22 | 115 | 117 | | |
| 40/ 39 | | .1 | .0 | .2 | .2 | | | | | | | | | | | | | 16 | 18 | 67 | 94 | | |
| 38/ 37 | | | | .0 | .1 | | | | | | | | | | | | | 3 | 3 | 39 | 103 | | |
| 36/ 35 | | | .1 | .1 | .0 | | | | | | | | | | | | | 7 | 7 | 15 | 72 | | |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 15 | 69 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 8 | 68 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 5 | 38 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 23 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 30 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 16 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 9 | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_A | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

NijV

YEARS

1800-2000

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESSLER AFB MISSISSIPPI/BILUXI

42-74

NOV

STATION

STATION NAME

YEARS

PAGE 1

2100-2300

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|--------|--------|--------|--------|------|----------|----------|-----------|-------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 78/ 77 | | .1 | .1 | .1 | | | | | | | | | | | | | | 9 | 10 | | | | | | |
| 76/ 75 | | .4 | .3 | .0 | | | | | | | | | | | | | | 19 | 19 | 5 | 3 | | | | |
| 74/ 73 | .1 | 1.0 | .7 | .2 | .1 | | | | | | | | | | | | | 55 | 57 | 18 | 8 | | | | |
| 72/ 71 | .2 | 1.3 | 1.5 | .2 | | | | | | | | | | | | | | 86 | 89 | 49 | 37 | | | | |
| 70/ 69 | .8 | 3.8 | 1.8 | .5 | .2 | .0 | | | | | | | | | | | | 187 | 194 | 96 | 81 | | | | |
| 68/ 67 | .9 | 3.3 | 2.4 | .6 | .3 | | .0 | | | | | | | | | | | 196 | 200 | 190 | 149 | | | | |
| 66/ 65 | .5 | 3.2 | 2.5 | .4 | .1 | .1 | | | | | | | | | | | | 177 | 186 | 146 | 147 | | | | |
| 64/ 63 | .7 | 3.5 | 1.8 | .8 | .5 | .3 | | | | | | | | | | | | 200 | 203 | 182 | 157 | | | | |
| 62/ 61 | .3 | 3.0 | 1.7 | .8 | .7 | .2 | .2 | | | | | | | | | | | 179 | 195 | 172 | 153 | | | | |
| 60/ 59 | .3 | 3.0 | 2.0 | 1.6 | .3 | .3 | .0 | | | | | | | | | | | 196 | 211 | 153 | 156 | | | | |
| 58/ 57 | .6 | 2.0 | 1.3 | .8 | .6 | .2 | .2 | | | | | | | | | | | 150 | 167 | 171 | 136 | | | | |
| 56/ 55 | .2 | 2.0 | 2.0 | 2.0 | 1.0 | .5 | | | | | | | | | | | | 199 | 210 | 156 | 150 | | | | |
| 54/ 53 | .1 | 2.0 | 1.5 | 1.4 | .8 | .4 | .1 | .0 | | | | | | | | | | 163 | 175 | 131 | 124 | | | | |
| 52/ 51 | .3 | 1.3 | 1.7 | 1.3 | .8 | .3 | .2 | | | | | | | | | | | 151 | 157 | 158 | 114 | | | | |
| 50/ 49 | .2 | 1.7 | 2.2 | 1.5 | 1.0 | .5 | .0 | | | | | | | | | | | 182 | 186 | 161 | 129 | | | | |
| 48/ 47 | .0 | .9 | 1.5 | 1.0 | 1.1 | .2 | | | | | | | | | | | | 122 | 127 | 158 | 113 | | | | |
| 46/ 45 | .0 | 1.2 | 1.5 | .9 | .8 | | .0 | | | | | | | | | | | 116 | 120 | 138 | 128 | | | | |
| 44/ 43 | .1 | .5 | 1.3 | .8 | .6 | .0 | | | | | | | | | | | | 89 | 91 | 153 | 128 | | | | |
| 42/ 41 | | .5 | .7 | .6 | .2 | | | | | | | | | | | | | 54 | 55 | 105 | 126 | | | | |
| 40/ 39 | | .1 | .4 | .2 | .2 | | | | | | | | | | | | | 23 | 24 | 113 | 101 | | | | |
| 38/ 37 | | .1 | .3 | .4 | .2 | | | | | | | | | | | | | 23 | 24 | 57 | 75 | | | | |
| 36/ 35 | | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 11 | 13 | 35 | 69 | | | | |
| 34/ 33 | | | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 22 | 69 | | | | |
| 32/ 31 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 15 | 60 | | | | |
| 30/ 29 | | | | .0 | | | | | | | | | | | | | | 1 | 2 | 10 | 47 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 39 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 26 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 20 | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 11 | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

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2013年12月

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74

333

PAGE 2

2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 5.4 | 35.1 | 29.7 | 16.5 | 9.5 | 3.1 | .7 | .0 | | | | | | | | | | | 2599 | 2721 | 2599 | |
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USAFETAC FORM 2-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILLOXI

42-04,73-74

DEC

STATION

STATION NAME

YEARS

PAGE 1

0003-0200

HOURS (L, S, T)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820 KEESLER AFB MISSISSIPPI/BILOXI 42-65,68-74

DEC

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|----------|----------|-----------|-----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 72/ 71 | | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 70/ 69 | .1 | .5 | .1 | | | | | | | | | | | | | | | | 15 | 16 | | | | | |
| 68/ 67 | .5 | 1.3 | .2 | | | | | | | | | | | | | | | | 49 | 54 | 30 | | | | |
| 66/ 65 | 1.5 | 2.6 | .6 | .0 | | | | | | | | | | | | | | | 115 | 119 | 67 | | | | |
| 64/ 63 | 1.9 | 3.6 | .5 | .1 | | | | | | | | | | | | | | | 147 | 155 | 117 | | | | |
| 62/ 61 | 1.8 | 2.9 | .4 | .0 | | | | | | | | | | | | | | | 124 | 125 | 131 | | | | |
| 60/ 59 | 2.5 | 3.1 | .8 | .0 | .1 | | | | | | | | | | | | | | 157 | 157 | 130 | | | | |
| 58/ 57 | .7 | 3.2 | .4 | .5 | .2 | .1 | | | | | | | | | | | | | 125 | 125 | 99 | | | | |
| 56/ 55 | .4 | 3.0 | .7 | .6 | .1 | .0 | | | | | | | | | | | | | 117 | 119 | 106 | | | | |
| 54/ 53 | .2 | 2.2 | .9 | .5 | .1 | | | | | | | | | | | | | | 96 | 97 | 85 | | | | |
| 52/ 51 | .8 | 2.3 | 1.3 | .9 | .2 | | | | | | | | | | | | | | 132 | 135 | 98 | | | | |
| 50/ 49 | .0 | 2.7 | 2.2 | .5 | .2 | | | | | | | | | | | | | | 154 | 157 | 94 | | | | |
| 48/ 47 | .7 | 3.2 | 1.3 | 1.0 | .3 | .1 | .0 | | | | | | | | | | | | 162 | 167 | 100 | | | | |
| 46/ 45 | .5 | 2.0 | 2.1 | .6 | .2 | | | | | | | | | | | | | | 128 | 132 | 113 | | | | |
| 44/ 43 | .7 | 2.0 | 3.1 | .4 | .1 | | | | | | | | | | | | | | 153 | 154 | 124 | | | | |
| 42/ 41 | .3 | 2.9 | 2.7 | 1.1 | .2 | | | | | | | | | | | | | | 173 | 176 | 112 | | | | |
| 40/ 39 | .4 | 2.5 | 2.9 | .5 | .2 | | | | | | | | | | | | | | 157 | 163 | 116 | | | | |
| 38/ 37 | .2 | 2.2 | 1.3 | .6 | .0 | | | | | | | | | | | | | | 105 | 107 | 148 | | | | |
| 36/ 35 | .3 | 1.3 | 1.2 | .3 | | | | | | | | | | | | | | | 77 | 78 | 133 | | | | |
| 34/ 33 | .2 | 1.5 | 1.4 | .4 | | | | | | | | | | | | | | | 81 | 81 | 130 | | | | |
| 32/ 31 | .0 | .8 | 1.1 | .2 | | | | | | | | | | | | | | | 53 | 54 | 90 | | | | |
| 30/ 29 | .1 | .5 | 1.2 | .1 | | | | | | | | | | | | | | | 45 | 45 | 91 | | | | |
| 28/ 27 | | .1 | .6 | | | | | | | | | | | | | | | | 18 | 18 | 50 | | | | |
| 26/ 25 | | .1 | .3 | | | | | | | | | | | | | | | | 11 | 11 | 75 | | | | |
| 24/ 23 | | .1 | .2 | | | | | | | | | | | | | | | | 7 | 7 | 28 | | | | |
| 22/ 21 | | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 36 | | | | |
| 20/ 19 | | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 27 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 21 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 28 | | | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 11 | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

PAGE 2

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 14.8 | 46.7 | 27.7 | 8.3 | 2.1 | .3 | .0 | | | | | | | | | | | | 2409 | 2460 | 2409 | |
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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILDXI

42-74

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|-----|--------------------|-------|--|---|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 72/ 71 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 4 | 1 | 1 | | | | | |
| 70/ 69 | .1 | 1.1 | .3 | | | | | | | | | | | | | | | 43 | 48 | 8 | 6 | | | | | |
| 68/ 67 | .5 | 2.0 | .9 | .0 | .0 | .0 | | | | | | | | | | | | 99 | 103 | 64 | 45 | | | | | |
| 66/ 65 | 1.4 | 2.6 | .6 | .1 | | .1 | | | | | | | | | | | | 136 | 146 | 120 | 108 | | | | | |
| 64/ 63 | 1.5 | 3.9 | .6 | .1 | | | | | | | | | | | | | | 176 | 180 | 152 | 127 | | | | | |
| 62/ 61 | 1.1 | 2.9 | .5 | .1 | | | | | | | | | | | | | | 132 | 134 | 149 | 145 | | | | | |
| 60/ 59 | 1.1 | 2.7 | .8 | .3 | .0 | .0 | | | | | | | | | | | | 141 | 141 | 128 | 141 | | | | | |
| 58/ 57 | 1.0 | 2.8 | .9 | .3 | .2 | .0 | | | | | | | | | | | | 148 | 152 | 135 | 114 | | | | | |
| 56/ 55 | .5 | 2.6 | 1.4 | .4 | .2 | .0 | | | | | | | | | | | | 146 | 149 | 114 | 114 | | | | | |
| 54/ 53 | .5 | 2.0 | 1.5 | .9 | .3 | .1 | | | | | | | | | | | | 151 | 153 | 119 | 103 | | | | | |
| 52/ 51 | .5 | 1.9 | 1.1 | .6 | .3 | .0 | | | | | | | | | | | | 125 | 127 | 117 | 101 | | | | | |
| 50/ 49 | .8 | 3.2 | 1.6 | .9 | .2 | .1 | | | | | | | | | | | | 195 | 198 | 157 | 127 | | | | | |
| 48/ 47 | .5 | 2.0 | 1.5 | 1.1 | .2 | | | | | | | | | | | | | 153 | 155 | 169 | 139 | | | | | |
| 46/ 45 | .3 | 2.7 | 1.6 | 1.0 | .1 | .1 | | | | | | | | | | | | 169 | 172 | 162 | 118 | | | | | |
| 44/ 43 | .3 | 2.2 | 2.6 | .8 | .2 | .0 | | | | | | | | | | | | 180 | 185 | 150 | 153 | | | | | |
| 42/ 41 | .5 | 2.6 | 2.6 | 1.1 | .1 | | | | | | | | | | | | | 206 | 207 | 156 | 174 | | | | | |
| 40/ 39 | .3 | 2.1 | 2.9 | .6 | .1 | | | | | | | | | | | | | 172 | 175 | 213 | 125 | | | | | |
| 38/ 37 | .2 | 2.0 | 1.3 | .9 | | | | | | | | | | | | | | 128 | 130 | 176 | 148 | | | | | |
| 36/ 35 | .1 | 1.6 | 1.6 | .5 | | | | | | | | | | | | | | 108 | 111 | 151 | 150 | | | | | |
| 34/ 33 | .1 | 1.2 | 1.2 | .4 | | | | | | | | | | | | | | 83 | 83 | 103 | 157 | | | | | |
| 32/ 31 | .1 | .9 | 1.3 | .2 | | | | | | | | | | | | | | 71 | 71 | 107 | 136 | | | | | |
| 30/ 29 | .1 | .6 | .8 | .1 | | | | | | | | | | | | | | 44 | 45 | 80 | 88 | | | | | |
| 28/ 27 | | .3 | .6 | | | | | | | | | | | | | | | 28 | 28 | 58 | 87 | | | | | |
| 26/ 25 | | .2 | .4 | | | | | | | | | | | | | | | 17 | 17 | 42 | 72 | | | | | |
| 24/ 23 | | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | 18 | 61 | | | | | |
| 22/ 21 | .0 | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 12 | 59 | | | | | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 29 | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 4 | 28 | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 36 | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 1 | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | |

2

PSYCHROMETRIC SUMMARY

42-74

MONTH

STATION

STATION NAME

YEARS

PAGE 2

0600-0800

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (11 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KLEESLER AFB MISSISSIPPI/BILOXI

42-74

DEC

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0900-1100

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 78/ 77 | | | | .0 | .0 | | | | | | | | | | | | | 2 | 2 | | | | | |
| 76/ 75 | | | .1 | .1 | .0 | .1 | | | | | | | | | | | | 10 | 10 | | | | | |
| 74/ 73 | | .0 | .3 | .4 | .2 | .0 | .0 | | | | | | | | | | | 32 | 32 | 1 | | | | |
| 72/ 71 | | .6 | 1.0 | .5 | .2 | .2 | .2 | | | | | | | | | | | 77 | 80 | 8 | 2 | | | |
| 70/ 69 | .2 | 1.8 | 2.2 | .6 | .3 | .2 | .1 | | .0 | | | | | | | | | 159 | 166 | 63 | 38 | | | |
| 68/ 67 | .9 | 1.9 | 1.7 | .7 | .6 | .5 | .1 | .1 | .0 | | | | | | | | | 193 | 199 | 137 | 101 | | | |
| 66/ 65 | .7 | 2.1 | 2.2 | 1.0 | .8 | .3 | .1 | .0 | | .0 | | | | | | | | 213 | 219 | 169 | 119 | | | |
| 64/ 63 | .7 | 1.4 | 1.5 | 1.0 | .6 | .2 | .1 | .1 | .0 | | | | | | | | | 170 | 172 | 160 | 163 | | | |
| 62/ 61 | .3 | 1.8 | 1.3 | .9 | .7 | .4 | .2 | .1 | .0 | | | | | | | | | 171 | 174 | 132 | 130 | | | |
| 60/ 59 | .7 | 1.4 | 1.4 | 1.6 | 1.0 | .8 | .4 | .1 | .0 | | | | | | | | | 223 | 227 | 184 | 126 | | | |
| 58/ 57 | .2 | 2.0 | 1.7 | 1.0 | .7 | .9 | .4 | .0 | | | | | | | | | | 208 | 209 | 163 | 135 | | | |
| 56/ 55 | .3 | 1.3 | 1.3 | 1.4 | 1.3 | .8 | .2 | .2 | | | | | | | | | | 203 | 209 | 166 | 145 | | | |
| 54/ 53 | .3 | 1.2 | 1.2 | 1.5 | 1.0 | .9 | .3 | | | | | | | | | | | 191 | 193 | 178 | 135 | | | |
| 52/ 51 | .1 | 1.1 | 1.4 | 1.1 | 1.2 | .7 | .2 | .0 | | | | | | | | | | 174 | 178 | 150 | 134 | | | |
| 50/ 49 | .2 | 1.4 | 1.5 | 1.5 | 1.1 | .6 | .3 | | | | | | | | | | | 198 | 200 | 197 | 163 | | | |
| 48/ 47 | .1 | .8 | .9 | 1.6 | 1.3 | .6 | .2 | | | | | | | | | | | 166 | 167 | 200 | 124 | | | |
| 46/ 45 | .1 | 1.0 | 1.3 | 1.5 | .9 | .5 | .1 | | | | | | | | | | | 160 | 164 | 173 | 130 | | | |
| 44/ 43 | | .6 | 1.1 | 1.1 | .7 | .2 | .0 | | | | | | | | | | | 111 | 112 | 176 | 132 | | | |
| 42/ 41 | .2 | .4 | .9 | .9 | .8 | .1 | | | | | | | | | | | | 97 | 97 | 168 | 141 | | | |
| 40/ 39 | .0 | .1 | .7 | .9 | .5 | .0 | | | | | | | | | | | | 65 | 66 | 148 | 126 | | | |
| 38/ 37 | | .1 | .5 | .7 | .5 | .0 | | | | | | | | | | | | 54 | 54 | 115 | 117 | | | |
| 36/ 35 | | .2 | .5 | .6 | .1 | | | | | | | | | | | | | 39 | 39 | 86 | 127 | | | |
| 34/ 33 | | .2 | .2 | .3 | .1 | | | | | | | | | | | | | 25 | 25 | 69 | 128 | | | |
| 32/ 31 | .1 | | .1 | .2 | .0 | | | | | | | | | | | | | 11 | 11 | 63 | 112 | | | |
| 30/ 29 | | | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 25 | 79 | | | |
| 28/ 27 | | | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 18 | 69 | | | |
| 26/ 25 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 9 | 71 | | | |
| 24/ 23 | | .1 | .0 | .0 | | | | | | | | | | | | | | 4 | 4 | 5 | 66 | | | |
| 22/ 21 | | .0 | | | | | | | | | | | | | | | | 1 | 2 | 3 | 45 | | | |
| 20/ 19 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 3 | 24 | | | |
| 18/ 17 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 1 | 33 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 23 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 16 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

DEC

MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 80/ 79 | | | | | | | .0 | .1 | | | | | | | | | | 3 | 3 | | | |
| 78/ 77 | | | .1 | .2 | .1 | .1 | .1 | | | | | | | | | | | 14 | 14 | | | |
| 76/ 75 | | | .1 | .2 | .2 | .2 | .2 | | | | | | | | | | | 27 | 27 | | | |
| 74/ 73 | | .2 | 1.4 | .9 | .4 | .3 | .1 | | | | | | | | | | | 98 | 98 | 2 | | |
| 72/ 71 | .0 | .8 | 1.1 | 1.0 | .4 | .6 | .4 | .1 | .1 | | | | | | | | | 134 | 137 | 26 | 11 | |
| 70/ 69 | .2 | 1.7 | 2.7 | 1.1 | 1.1 | .7 | .4 | .2 | .1 | | | | | | | | | 244 | 246 | 104 | 45 | |
| 68/ 67 | .2 | 1.0 | 1.7 | 1.3 | 1.5 | .7 | .5 | .2 | .2 | .1 | | | | | | | | 230 | 233 | 143 | 112 | |
| 66/ 65 | .3 | 1.5 | 1.7 | 1.6 | 1.2 | .8 | .4 | .3 | .2 | .0 | | | | | | | | 242 | 252 | 176 | 119 | |
| 64/ 63 | .2 | 1.3 | 1.5 | 1.2 | 1.2 | .9 | .8 | .6 | .3 | | | | | | | | | 239 | 241 | 168 | 148 | |
| 62/ 61 | .2 | 1.9 | 1.0 | 1.5 | 1.0 | 1.2 | .6 | .3 | .3 | .0 | | | | | | | | 241 | 242 | 183 | 132 | |
| 60/ 59 | .3 | 1.6 | 1.0 | 1.9 | 1.4 | 1.2 | .7 | .5 | .2 | | | | | | | | | 262 | 265 | 223 | 153 | |
| 58/ 57 | .2 | .9 | 1.4 | .9 | 1.7 | 1.1 | .8 | .4 | .2 | | | | | | | | | 227 | 229 | 201 | 191 | |
| 56/ 55 | .1 | .8 | 1.1 | .8 | 1.3 | 1.6 | 1.0 | .3 | .1 | | | | | | | | | 213 | 218 | 205 | 158 | |
| 54/ 53 | .1 | .4 | .8 | .5 | 1.1 | .9 | .8 | .2 | .1 | | | | | | | | | 146 | 149 | 183 | 129 | |
| 52/ 51 | .0 | .6 | .8 | .9 | .9 | 1.0 | .8 | .2 | | | | | | | | | | 162 | 164 | 100 | 178 | |
| 50/ 49 | .1 | .5 | .9 | .9 | .9 | 1.2 | .5 | .0 | | | | | | | | | | 154 | 155 | 204 | 145 | |
| 48/ 47 | .1 | .3 | .5 | .4 | .8 | .9 | .1 | | | | | | | | | | | 97 | 99 | 167 | 137 | |
| 46/ 45 | .1 | .7 | .3 | .5 | .6 | .4 | .2 | | | | | | | | | | | 85 | 86 | 198 | 127 | |
| 44/ 43 | | .4 | .4 | .3 | .7 | .5 | .1 | | | | | | | | | | | 72 | 72 | 163 | 145 | |
| 42/ 41 | .0 | .2 | .1 | .2 | .5 | .2 | | | | | | | | | | | | 33 | 33 | 123 | 116 | |
| 40/ 39 | .0 | | .2 | .0 | .2 | .2 | | | | | | | | | | | | 19 | 19 | 121 | 115 | |
| 38/ 37 | | .0 | .1 | .1 | .2 | | | | | | | | | | | | | 11 | 11 | 61 | 127 | |
| 36/ 35 | | .2 | .1 | .0 | .0 | | | | | | | | | | | | | 10 | 10 | 52 | 107 | |
| 34/ 33 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 36 | 103 | |
| 32/ 31 | .1 | | .0 | | .0 | | | | | | | | | | | | | 5 | 5 | 20 | 74 | |
| 30/ 29 | | | .0 | .1 | .0 | | | | | | | | | | | | | 5 | 5 | 8 | 82 | |
| 28/ 27 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 60 | |
| 26/ 25 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 1 | 64 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | 51 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | 1 | 1 | 39 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 30 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 33 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 13 | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC

MONTH

1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|----|------------------------------------|--------|--------|----------|----------|-----------|-------|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27 | 28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 78/ 77 | | | | | .0 | .0 | .1 | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | |
| 76/ 75 | | | | | | .1 | .0 | | .0 | | | | | | | | | | 10 | 10 | | | | | | | | | | | | |
| 74/ 73 | | .1 | .3 | .2 | .0 | .0 | | .0 | .1 | | | | | | | | | | 24 | 24 | | | | | | | | | | | | |
| 72/ 71 | | .9 | .9 | .4 | .1 | .2 | .1 | .1 | .0 | .0 | | | | | | | | | 30 | 80 | 11 | 4 | | | | | | | | | | |
| 70/ 69 | .2 | 2.2 | 1.7 | .8 | .6 | .4 | .1 | .1 | .0 | .1 | | | | | | | | | 184 | 187 | 57 | 34 | | | | | | | | | | |
| 68/ 67 | .5 | 1.9 | 2.0 | .9 | .7 | .3 | .3 | | .1 | .0 | | | | | | | | | 194 | 198 | 124 | 93 | | | | | | | | | | |
| 66/ 65 | .4 | 2.4 | 2.5 | 1.5 | .8 | .5 | .3 | .2 | .3 | | | | | | | | | | 264 | 269 | 146 | 115 | | | | | | | | | | |
| 64/ 63 | .5 | 2.4 | 2.2 | 1.1 | 1.0 | .8 | .5 | .3 | .2 | .0 | | | | | | | | | 264 | 270 | 177 | 142 | | | | | | | | | | |
| 62/ 61 | .2 | 2.1 | 1.9 | 2.0 | 1.2 | 1.0 | .6 | .3 | .1 | | | | | | | | | | 276 | 278 | 206 | 134 | | | | | | | | | | |
| 60/ 59 | .5 | 1.9 | 1.7 | 2.2 | 1.1 | 1.1 | .5 | .3 | .2 | | .0 | | | | | | | | 282 | 283 | 220 | 183 | | | | | | | | | | |
| 58/ 57 | .3 | 1.5 | 1.6 | 1.4 | 1.2 | .7 | .6 | .2 | .1 | | | | | | | | | | 226 | 227 | 200 | 196 | | | | | | | | | | |
| 56/ 55 | .1 | 1.7 | 1.5 | 1.4 | 1.0 | 1.0 | .7 | .3 | .1 | | | | | | | | | | 224 | 229 | 218 | 137 | | | | | | | | | | |
| 54/ 53 | .1 | .9 | 1.3 | 1.0 | 1.5 | 1.2 | .7 | .1 | .0 | | | | | | | | | | 203 | 209 | 228 | 144 | | | | | | | | | | |
| 52/ 51 | .0 | .7 | 1.0 | 1.1 | .9 | .9 | .6 | .1 | | | | | | | | | | | 158 | 160 | 184 | 197 | | | | | | | | | | |
| 50/ 49 | .2 | .7 | .8 | 1.1 | 1.3 | 1.1 | .3 | .0 | | | | | | | | | | | 162 | 162 | 201 | 150 | | | | | | | | | | |
| 48/ 47 | .0 | .6 | .7 | 1.0 | 1.0 | .5 | .2 | | | | | | | | | | | | 120 | 124 | 185 | 157 | | | | | | | | | | |
| 46/ 45 | .0 | .9 | .6 | .5 | .8 | .5 | .1 | | | | | | | | | | | | 100 | 101 | 175 | 142 | | | | | | | | | | |
| 44/ 43 | .0 | .4 | .4 | .3 | .3 | .3 | | | | | | | | | | | | | 68 | 68 | 172 | 120 | | | | | | | | | | |
| 42/ 41 | .1 | .2 | .2 | .2 | .4 | .2 | | | | | | | | | | | | | 42 | 42 | 144 | 132 | | | | | | | | | | |
| 40/ 39 | | .1 | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 19 | 19 | 110 | 109 | | | | | | | | | | |
| 38/ 37 | | .0 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 14 | 14 | 54 | 104 | | | | | | | | | | |
| 36/ 35 | | .2 | .1 | .0 | | | | | | | | | | | | | | | 11 | 11 | 62 | 105 | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 37 | 97 | | | | | | | | | | |
| 32/ 31 | .1 | | .0 | .0 | | | | | | | | | | | | | | | 5 | 5 | 16 | 96 | | | | | | | | | | |
| 30/ 29 | | | .1 | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 3 | 79 | | | | | | | | | | |
| 28/ 27 | | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 48 | | | | | | | | | | |
| 26/ 25 | | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 5 | 81 | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 | 41 | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 | 25 | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 20 | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | | s _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|--------|------------------|
| | DEC |
| | MONTH |
| PAGE 2 | 1500-1700 |
| | HOURS (L. S. T.) |

[illegible]

FORM 0-26.5 (UL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILGX

42-74

DEC

STATION

STATION NAME

YEARS

PAGE 1

1800-2000

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TO °L D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 72/ 71 | | .1 | .1 | .1 | | | | | | | | | | | | | | | 9 | 9 | | | | |
| 70/ 69 | .2 | 1.9 | .5 | | .0 | | | .0 | | | | | | | | | | | 73 | 75 | 21 | 17 | | |
| 68/ 67 | .5 | 2.6 | 1.4 | .2 | .1 | .1 | .1 | | | | | | | | | | | | 139 | 147 | 90 | 62 | | |
| 66/ 65 | 1.1 | 3.4 | 1.3 | .4 | .1 | .1 | .0 | | | | | | | | | | | | 179 | 185 | 126 | 104 | | |
| 64/ 63 | 1.2 | 3.0 | 1.7 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 182 | 187 | 153 | 141 | | |
| 62/ 61 | .8 | 3.6 | 1.8 | .9 | .4 | .0 | .1 | | | | | | | | | | | | 212 | 212 | 178 | 132 | | |
| 60/ 59 | 1.0 | 3.5 | 2.2 | 1.0 | .3 | .2 | .1 | | | | | | | | | | | | 231 | 236 | 175 | 182 | | |
| 58/ 57 | .3 | 2.3 | 2.7 | 1.4 | .6 | .3 | .2 | .0 | | | | | | | | | | | 217 | 219 | 166 | 147 | | |
| 56/ 55 | .1 | 2.4 | 2.0 | 1.2 | .9 | .6 | .1 | | | | | | | | | | | | 197 | 200 | 182 | 113 | | |
| 54/ 53 | .2 | 2.6 | 2.5 | 1.6 | 1.1 | .3 | .0 | | | | | | | | | | | | 232 | 236 | 193 | 165 | | |
| 52/ 51 | .1 | 2.1 | 2.1 | 1.3 | .8 | .4 | .1 | | | | | | | | | | | | 191 | 194 | 170 | 153 | | |
| 50/ 49 | .1 | 2.0 | 2.4 | 1.7 | .8 | .2 | .0 | | | | | | | | | | | | 201 | 204 | 191 | 168 | | |
| 48/ 47 | .0 | 2.0 | 1.7 | 1.3 | .9 | .3 | .0 | | | | | | | | | | | | 193 | 193 | 207 | 157 | | |
| 46/ 45 | .1 | 1.4 | 1.8 | 1.6 | .9 | .1 | | | | | | | | | | | | | 166 | 169 | 190 | 170 | | |
| 44/ 43 | .0 | 1.1 | .7 | 1.0 | .6 | .1 | | | | | | | | | | | | | 101 | 104 | 167 | 133 | | |
| 42/ 41 | .2 | .7 | 1.1 | 1.0 | .6 | | | | | | | | | | | | | | 100 | 101 | 163 | 141 | | |
| 40/ 39 | .1 | .4 | .7 | .7 | .7 | | | | | | | | | | | | | | 73 | 73 | 123 | 130 | | |
| 38/ 37 | .0 | .2 | .5 | .7 | .3 | | | | | | | | | | | | | | 48 | 48 | 93 | 102 | | |
| 36/ 35 | | .3 | .2 | .4 | .1 | | | | | | | | | | | | | | 25 | 25 | 70 | 112 | | |
| 34/ 33 | | .1 | .2 | .2 | .0 | | | | | | | | | | | | | | 13 | 13 | 57 | 99 | | |
| 32/ 31 | .0 | .1 | | | .0 | | | | | | | | | | | | | | 4 | 4 | 45 | 89 | | |
| 30/ 29 | .1 | | .1 | | | | | | | | | | | | | | | | 5 | 5 | 23 | 72 | | |
| 28/ 27 | | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 37 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 8 | 45 | | |
| 24/ 23 | | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 33 | | |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 24 | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 | 32 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 | 22 | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | σ_x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | Total | | | | | | | |
| Rel. Hum. | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

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DEC

MONTH

1800-2000

HOURS (L, S, T.)

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6

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13820

KEESLER AFB MISSISSIPPI/BILLOXI

42-74

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|----------|----------|-----------|-----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 72/ 71 | | .0 | | .1 | | | | | | | | | | | | | | | 4 | 4 | | | | | |
| 70/ 69 | .1 | 1.2 | .2 | | | | | | | | | | | | | | | | 36 | 38 | 10 | 3 | | | |
| 68/ 67 | .6 | 2.0 | .5 | .1 | .1 | | | | | | | | | | | | | | 84 | 87 | 61 | 53 | | | |
| 66/ 65 | 1.2 | 3.6 | .9 | .1 | .0 | .1 | | | | | | | | | | | | | 154 | 162 | 100 | 81 | | | |
| 64/ 63 | 1.3 | 4.0 | 1.2 | .1 | .1 | .0 | | | | | | | | | | | | | 174 | 181 | 152 | 135 | | | |
| 62/ 61 | 1.3 | 3.5 | 1.1 | .1 | .2 | .0 | | | | | | | | | | | | | 161 | 161 | 162 | 145 | | | |
| 60/ 59 | 1.5 | 3.8 | 1.7 | 1.0 | .2 | .0 | .0 | | | | | | | | | | | | 215 | 216 | 159 | 161 | | | |
| 58/ 57 | .7 | 2.2 | 1.3 | .5 | .5 | .2 | .0 | .0 | | | | | | | | | | | 149 | 151 | 143 | 120 | | | |
| 56/ 55 | .5 | 2.2 | 1.4 | .6 | .2 | .2 | .1 | | | | | | | | | | | | 133 | 136 | 131 | 115 | | | |
| 54/ 53 | .3 | 3.4 | 1.4 | .7 | .4 | .3 | | | | | | | | | | | | | 170 | 173 | 139 | 114 | | | |
| 52/ 51 | .5 | 2.6 | 2.0 | 1.4 | .4 | .2 | | | | | | | | | | | | | 184 | 188 | 149 | 126 | | | |
| 50/ 49 | .3 | 3.5 | 2.4 | 1.2 | .9 | .3 | .0 | | | | | | | | | | | | 224 | 228 | 148 | 141 | | | |
| 48/ 47 | .2 | 2.8 | 1.7 | 1.5 | .6 | .1 | | | | | | | | | | | | | 178 | 178 | 183 | 135 | | | |
| 46/ 45 | .3 | 2.3 | 2.3 | 1.0 | .5 | .2 | | | | | | | | | | | | | 172 | 175 | 190 | 155 | | | |
| 44/ 43 | .1 | 1.9 | 2.2 | 1.4 | .2 | .0 | | | | | | | | | | | | | 154 | 156 | 154 | 124 | | | |
| 42/ 41 | .1 | 1.8 | 1.1 | .8 | .4 | | | | | | | | | | | | | | 112 | 113 | 186 | 143 | | | |
| 40/ 39 | .3 | .7 | 1.2 | 1.7 | .2 | | | | | | | | | | | | | | 88 | 91 | 149 | 141 | | | |
| 38/ 37 | .1 | .8 | 1.2 | .8 | .2 | | | | | | | | | | | | | | 81 | 81 | 82 | 123 | | | |
| 36/ 35 | .0 | .3 | .7 | 1.0 | .1 | | | | | | | | | | | | | | 54 | 54 | 102 | 119 | | | |
| 34/ 33 | | .5 | .6 | .5 | | | | | | | | | | | | | | | 39 | 39 | 63 | 70 | | | |
| 32/ 31 | .1 | .1 | .3 | .3 | | | | | | | | | | | | | | | 19 | 19 | 51 | 81 | | | |
| 30/ 29 | .0 | .2 | .3 | .1 | | | | | | | | | | | | | | | 17 | 17 | 45 | 83 | | | |
| 28/ 27 | | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 26 | 47 | | | |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 13 | 52 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 | 36 | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 28 | | | |
| 20/ 19 | | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 25 | | | |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 25 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 | 14 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 | 4 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Element (X) | Σ Y ² | | Σ X | | Σ | Σ _A | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | |
| Rel. Hum. | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-20-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 64

PSYCHROMETRIC SUMMARY

DEC

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13820 KLESLER AFB MISSISSIPPI/BILUXI 42-74

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|-----------|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--|
| HRS (LST) | | JAN. | FEB | MAR. | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 00-02 | MEAN | 50.0 | 52.8 | 57.3 | 65.1 | 72.3 | 77.4 | 78.7 | 78.0 | 74.4 | 64.9 | 56.5 | 50.4 | 65.1 | |
| | S D | 10.702 | 9.985 | 8.931 | 7.140 | 5.591 | 4.183 | 3.320 | 3.400 | 4.977 | 7.701 | 9.706 | 10.190 | 13.141 | |
| | TOTAL OBS | 2230 | 2035 | 2139 | 2097 | 2242 | 2248 | 2354 | 2444 | 2286 | 2331 | 2243 | 2314 | 26963 | |
| 03-05 | MEAN | 48.8 | 51.0 | 55.5 | 63.3 | 70.2 | 75.7 | 77.3 | 76.6 | 72.9 | 63.1 | 54.8 | 49.3 | 63.7 | |
| | S D | 11.320 | 10.595 | 9.770 | 8.115 | 6.162 | 4.331 | 3.224 | 3.288 | 5.271 | 8.146 | 10.185 | 10.709 | 13.327 | |
| | TOTAL OBS | 2389 | 2159 | 2291 | 2245 | 2556 | 2523 | 2697 | 2726 | 2558 | 2630 | 2431 | 2460 | 29665 | |
| 06-08 | MEAN | 48.2 | 50.1 | 55.8 | 65.2 | 72.7 | 78.4 | 79.6 | 78.5 | 74.3 | 64.1 | 55.0 | 49.5 | 64.5 | |
| | S D | 11.713 | 10.902 | 9.905 | 8.108 | 6.190 | 4.584 | 3.712 | 3.892 | 5.679 | 8.258 | 10.294 | 11.062 | 14.366 | |
| | TOTAL OBS | 2931 | 2681 | 2864 | 2797 | 2968 | 2892 | 3043 | 3064 | 2873 | 2961 | 2955 | 2930 | 34959 | |
| 09-11 | MEAN | 53.7 | 56.3 | 62.2 | 71.5 | 79.3 | 84.6 | 85.8 | 85.6 | 81.7 | 72.7 | 62.9 | 55.7 | 71.2 | |
| | S D | 10.977 | 9.941 | 8.608 | 6.661 | 5.261 | 4.074 | 4.045 | 4.092 | 5.595 | 7.473 | 9.417 | 9.965 | 14.120 | |
| | TOTAL OBS | 2934 | 2681 | 2872 | 2794 | 2967 | 2993 | 3039 | 3067 | 2866 | 2966 | 2954 | 3025 | 35058 | |
| 12-14 | MEAN | 57.8 | 60.3 | 65.6 | 74.1 | 81.4 | 86.3 | 87.4 | 87.6 | 84.4 | 77.4 | 66.7 | 59.7 | 74.2 | |
| | S D | 9.804 | 8.871 | 7.666 | 5.841 | 4.997 | 4.341 | 4.535 | 4.519 | 5.235 | 6.477 | 8.201 | 8.775 | 13.042 | |
| | TOTAL OBS | 2938 | 2682 | 2873 | 2793 | 2966 | 2888 | 3043 | 3057 | 2874 | 2962 | 2955 | 3018 | 35049 | |
| 15-17 | MEAN | 56.9 | 59.8 | 65.1 | 73.4 | 80.5 | 85.2 | 85.8 | 86.0 | 82.9 | 75.4 | 64.8 | 58.4 | 73.0 | |
| | S D | 9.141 | 8.263 | 7.138 | 5.487 | 4.840 | 4.455 | 4.776 | 4.765 | 4.907 | 6.205 | 7.693 | 8.209 | 12.690 | |
| | TOTAL OBS | 2938 | 2683 | 2862 | 2787 | 2968 | 2893 | 3052 | 3054 | 2873 | 2966 | 2955 | 2980 | 35011 | |
| 18-20 | MEAN | 53.4 | 56.1 | 61.5 | 69.8 | 76.8 | 81.8 | 82.5 | 82.3 | 78.8 | 70.1 | 60.3 | 54.6 | 69.2 | |
| | S D | 9.362 | 8.521 | 7.277 | 5.585 | 4.624 | 3.989 | 4.146 | 3.995 | 4.676 | 6.597 | 8.311 | 8.699 | 12.778 | |
| | TOTAL OBS | 2919 | 2677 | 2861 | 2784 | 2970 | 2899 | 3043 | 3059 | 2874 | 2959 | 2948 | 2845 | 34838 | |
| 21-23 | MEAN | 51.5 | 54.1 | 59.4 | 67.3 | 74.5 | 79.4 | 80.5 | 80.0 | 76.2 | 67.2 | 57.9 | 52.4 | 66.6 | |
| | S D | 10.093 | 9.231 | 7.988 | 6.307 | 4.965 | 3.942 | 3.674 | 3.644 | 4.878 | 7.191 | 9.075 | 9.472 | 12.968 | |
| | TOTAL OBS | 2684 | 2469 | 2629 | 2535 | 2521 | 2498 | 2664 | 2685 | 2525 | 2622 | 2721 | 2654 | 31207 | |
| ALL HOURS | MEAN | 52.7 | 55.3 | 60.5 | 69.0 | 76.2 | 81.3 | 82.4 | 82.0 | 78.4 | 69.8 | 60.1 | 54.0 | 68.7 | |
| | S D | 10.923 | 10.176 | 9.186 | 7.672 | 6.611 | 5.619 | 5.313 | 5.579 | 6.602 | 8.909 | 10.068 | 10.351 | 13.855 | |
| | TOTAL OBS | 21963 | 20067 | 21391 | 20832 | 22158 | 21734 | 22935 | 23156 | 21729 | 22397 | 22162 | 22226 | 262750 | |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13820 KEESLER AFB MISSISSIPPI/BILOXI

42-74

| STATION | | STATION NAME | | | | | | | | | | YEARS | | |
|--------------|-----------|--------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| HRS (L.S.T.) | | JAN | FEB | MAR | APR. | MAY | JUN. | JUL | AUG | SEP | OCT. | NOV | DEC | ANNUAL |
| 00-02 | MEAN | 47.8 | 50.2 | 54.3 | 61.4 | 68.1 | 73.1 | 74.8 | 74.3 | 70.9 | 61.2 | 53.5 | 48.0 | 61.7 |
| | S D | 11.561 | 10.913 | 10.179 | 8.299 | 5.872 | 3.833 | 2.650 | 3.014 | 5.495 | 8.699 | 10.683 | 10.984 | 13.126 |
| | TOTAL OBS | 2205 | 2031 | 2139 | 2004 | 2161 | 2248 | 2345 | 2300 | 2150 | 2177 | 2129 | 2281 | 26170 |
| 03-05 | MEAN | 46.7 | 48.6 | 52.9 | 60.2 | 66.7 | 72.2 | 74.1 | 73.5 | 69.9 | 59.9 | 51.9 | 47.0 | 60.8 |
| | S D | 12.077 | 11.497 | 10.856 | 9.013 | 6.370 | 4.196 | 2.843 | 3.163 | 5.837 | 9.013 | 11.026 | 11.362 | 13.461 |
| | TOTAL OBS | 2344 | 2150 | 2291 | 2151 | 2474 | 2521 | 2688 | 2581 | 2419 | 2466 | 2307 | 2409 | 28801 |
| 06-08 | MEAN | 45.9 | 47.4 | 52.7 | 61.0 | 67.5 | 73.1 | 75.1 | 74.1 | 70.3 | 60.1 | 51.8 | 47.0 | 60.6 |
| | S D | 12.376 | 11.721 | 10.972 | 8.867 | 6.329 | 4.275 | 2.927 | 3.363 | 5.984 | 8.951 | 11.077 | 11.526 | 14.006 |
| | TOTAL OBS | 2885 | 2666 | 2859 | 2704 | 2888 | 2889 | 3036 | 2919 | 2738 | 2788 | 2824 | 2870 | 34066 |
| 09-11 | MEAN | 49.4 | 51.0 | 55.9 | 63.8 | 69.9 | 75.1 | 77.1 | 76.6 | 73.4 | 64.9 | 56.2 | 51.0 | 63.8 |
| | S D | 11.734 | 10.818 | 9.831 | 7.855 | 5.676 | 3.649 | 2.628 | 2.876 | 5.150 | 7.987 | 10.161 | 10.722 | 13.060 |
| | TOTAL OBS | 2903 | 2672 | 2872 | 2701 | 2899 | 2890 | 3036 | 2919 | 2734 | 2810 | 2837 | 2971 | 34234 |
| 12-14 | MEAN | 51.9 | 53.4 | 57.8 | 65.3 | 71.0 | 75.8 | 77.6 | 77.2 | 74.6 | 66.5 | 58.3 | 53.4 | 65.3 |
| | S D | 10.623 | 9.817 | 8.918 | 7.107 | 5.305 | 3.583 | 2.712 | 3.016 | 4.754 | 7.323 | 9.218 | 9.676 | 12.081 |
| | TOTAL OBS | 2914 | 2600 | 2873 | 2703 | 2888 | 2884 | 3039 | 2912 | 2749 | 2808 | 2839 | 2977 | 34266 |
| 15-17 | MEAN | 51.8 | 53.4 | 58.0 | 65.2 | 70.8 | 75.4 | 77.0 | 76.6 | 74.2 | 66.1 | 57.9 | 53.0 | 65.0 |
| | S D | 10.148 | 9.363 | 8.450 | 6.792 | 5.073 | 3.530 | 2.730 | 2.962 | 4.521 | 7.086 | 8.886 | 9.295 | 11.784 |
| | TOTAL OBS | 2918 | 2682 | 2859 | 2697 | 2889 | 2891 | 3048 | 2907 | 2744 | 2810 | 2834 | 2940 | 34219 |
| 18-20 | MEAN | 49.9 | 51.8 | 56.7 | 63.9 | 69.7 | 74.5 | 75.9 | 75.5 | 72.8 | 64.6 | 56.0 | 51.0 | 63.7 |
| | S D | 10.485 | 9.743 | 8.723 | 7.020 | 5.082 | 3.435 | 2.644 | 2.820 | 4.689 | 7.470 | 9.489 | 9.705 | 12.143 |
| | TOTAL OBS | 2896 | 2675 | 2858 | 2691 | 2892 | 2899 | 3036 | 2910 | 2745 | 2803 | 2829 | 2797 | 34031 |
| 21-23 | MEAN | 48.8 | 50.8 | 55.8 | 63.0 | 69.1 | 73.9 | 75.4 | 74.9 | 71.8 | 62.9 | 54.4 | 49.5 | 62.4 |
| | S D | 11.094 | 10.328 | 9.310 | 7.572 | 5.401 | 3.638 | 2.583 | 2.904 | 5.138 | 8.104 | 10.114 | 10.329 | 12.699 |
| | TOTAL OBS | 2661 | 2464 | 2625 | 2442 | 2443 | 2498 | 2657 | 2535 | 2395 | 2467 | 2599 | 2608 | 30394 |
| ALL HOURS | MEAN | 49.1 | 50.9 | 55.6 | 63.1 | 69.2 | 74.2 | 75.9 | 75.4 | 72.3 | 63.4 | 55.1 | 50.1 | 63.0 |
| | S D | 11.447 | 10.707 | 9.840 | 8.009 | 5.025 | 3.956 | 2.960 | 3.276 | 5.462 | 8.442 | 10.337 | 10.727 | 12.906 |
| | TOTAL OBS | 21726 | 20020 | 21376 | 20093 | 21524 | 21720 | 22885 | 21983 | 20674 | 21129 | 21198 | 21853 | 276181 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13820 KEESELER AFB MISSISSIPPI/BILUXI 42-74

| STATION | | STATION NAME | | | | | | | | | | YEARS | | |
|-----------|-----------|--------------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 00-02 | MEAN | 44.9 | 47.1 | 51.4 | 58.8 | 65.9 | 71.2 | 73.2 | 72.7 | 69.1 | 58.6 | 50.6 | 45.0 | 59.3 |
| | S D | 14.067 | 13.507 | 12.773 | 10.300 | 6.873 | 4.337 | 2.957 | 3.422 | 6.536 | 10.546 | 12.807 | 13.204 | 14.699 |
| | TOTAL OBS | 2205 | 2031 | 2139 | 2004 | 2161 | 2248 | 2345 | 2300 | 2150 | 2177 | 2129 | 2261 | 26170 |
| 03-05 | MEAN | 43.9 | 45.7 | 50.1 | 57.9 | 64.8 | 70.6 | 72.8 | 72.2 | 68.4 | 57.6 | 49.1 | 41.2 | 58.6 |
| | S D | 14.430 | 13.952 | 13.169 | 10.698 | 7.305 | 4.701 | 3.157 | 3.608 | 6.810 | 10.612 | 13.045 | 13.17 | 14.971 |
| | TOTAL OBS | 2344 | 2150 | 2291 | 2150 | 2474 | 2521 | 2687 | 2581 | 2419 | 2466 | 2307 | 2409 | 28799 |
| 06-08 | MEAN | 42.9 | 44.0 | 49.4 | 58.0 | 64.6 | 70.7 | 73.2 | 72.2 | 68.4 | 57.3 | 48.7 | 44.1 | 57.9 |
| | S D | 14.718 | 14.338 | 13.539 | 10.848 | 7.641 | 5.300 | 3.119 | 3.863 | 6.990 | 10.603 | 13.155 | 13.632 | 15.497 |
| | TOTAL OBS | 2885 | 2666 | 2859 | 2704 | 2887 | 2889 | 3036 | 2921 | 2738 | 2788 | 2824 | 2870 | 34067 |
| 09-11 | MEAN | 44.4 | 45.2 | 49.9 | 58.5 | 64.9 | 71.0 | 73.7 | 72.9 | 69.6 | 59.2 | 50.3 | 46.0 | 58.9 |
| | S D | 15.207 | 14.725 | 14.108 | 11.375 | 8.157 | 5.078 | 3.371 | 3.750 | 6.688 | 10.910 | 13.692 | 13.989 | 15.485 |
| | TOTAL OBS | 2903 | 2672 | 2872 | 2701 | 2890 | 2890 | 3036 | 2919 | 2734 | 2810 | 2837 | 2971 | 34235 |
| 12-14 | MEAN | 45.7 | 46.3 | 51.0 | 59.4 | 65.7 | 71.4 | 73.8 | 73.1 | 70.2 | 59.7 | 51.2 | 47.2 | 59.6 |
| | S D | 14.869 | 14.482 | 13.783 | 11.020 | 7.970 | 5.058 | 3.498 | 4.157 | 6.704 | 11.053 | 13.626 | 13.784 | 15.130 |
| | TOTAL OBS | 2914 | 2690 | 2873 | 2703 | 2888 | 2884 | 3039 | 2912 | 2749 | 2808 | 2839 | 2977 | 34266 |
| 15-17 | MEAN | 46.2 | 46.9 | 51.7 | 59.8 | 65.8 | 71.2 | 73.5 | 72.8 | 70.2 | 60.4 | 51.8 | 47.6 | 59.9 |
| | S D | 14.210 | 13.968 | 13.100 | 10.613 | 7.668 | 4.903 | 3.359 | 3.965 | 6.434 | 10.570 | 12.946 | 13.125 | 14.567 |
| | TOTAL OBS | 2918 | 2682 | 2859 | 2697 | 2889 | 2891 | 3048 | 2907 | 2744 | 2810 | 2834 | 2940 | 34219 |
| 18-20 | MEAN | 46.0 | 47.2 | 52.4 | 59.9 | 65.9 | 71.3 | 73.2 | 72.6 | 70.0 | 61.2 | 52.1 | 47.4 | 60.1 |
| | S D | 13.663 | 13.168 | 12.152 | 9.982 | 7.014 | 4.499 | 3.087 | 3.511 | 5.899 | 9.536 | 12.202 | 12.399 | 14.021 |
| | TOTAL OBS | 2896 | 2674 | 2858 | 2691 | 2892 | 2898 | 3036 | 2910 | 2745 | 2803 | 2829 | 2797 | 34029 |
| 21-23 | MEAN | 45.4 | 47.2 | 52.4 | 59.9 | 66.3 | 71.4 | 73.3 | 72.8 | 69.7 | 60.1 | 51.1 | 46.4 | 59.5 |
| | S D | 13.945 | 13.209 | 12.116 | 9.834 | 6.736 | 4.389 | 2.844 | 3.453 | 6.178 | 9.985 | 12.608 | 12.749 | 14.384 |
| | TOTAL OBS | 2661 | 2464 | 2625 | 2442 | 2443 | 2498 | 2657 | 2535 | 2395 | 2466 | 2599 | 2608 | 30393 |
| ALL HOURS | MEAN | 44.9 | 46.2 | 51.0 | 59.1 | 65.5 | 71.1 | 73.3 | 72.7 | 69.5 | 59.3 | 50.6 | 46.1 | 59.2 |
| | S D | 14.431 | 13.978 | 13.174 | 10.639 | 7.492 | 4.824 | 3.227 | 3.751 | 6.576 | 10.567 | 13.085 | 13.375 | 14.877 |
| | TOTAL OBS | 21725 | 20019 | 21376 | 20092 | 21524 | 21719 | 22884 | 21985 | 20674 | 21128 | 21198 | 21853 | 256178 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 99.9 | 98.9 | 95.5 | 89.2 | 80.3 | 68.3 | 52.2 | 28.4 | 77.3 | 21722 |
| FEB | | 100.0 | 99.9 | 98.0 | 93.4 | 85.8 | 75.3 | 62.4 | 46.4 | 24.9 | 74.5 | 20014 |
| MAR | | 100.0 | 99.8 | 97.4 | 92.8 | 84.9 | 74.8 | 62.0 | 47.3 | 23.6 | 74.1 | 21372 |
| APR | | 100.0 | 99.9 | 98.3 | 94.8 | 88.5 | 78.1 | 62.5 | 41.7 | 14.1 | 73.5 | 20088 |
| MAY | | 100.0 | 100.0 | 99.2 | 96.6 | 90.8 | 79.3 | 57.7 | 30.2 | 6.5 | 71.6 | 21521 |
| JUN | | 100.0 | 100.0 | 99.9 | 98.9 | 95.1 | 83.3 | 57.7 | 30.8 | 7.6 | 73.0 | 21718 |
| JUL | | 100.0 | 100.0 | 100.0 | 99.6 | 97.6 | 88.8 | 65.6 | 38.1 | 10.4 | 75.7 | 22881 |
| AUG | | 100.0 | 100.0 | 99.9 | 99.2 | 96.5 | 86.2 | 63.0 | 38.8 | 10.3 | 75.1 | 1983 |
| SEP | | 100.0 | 100.0 | 99.9 | 98.4 | 94.7 | 85.6 | 66.5 | 43.0 | 14.2 | 75.9 | 20673 |
| OCT | | 100.0 | 99.9 | 98.5 | 94.4 | 87.4 | 76.4 | 59.5 | 39.1 | 13.5 | 72.6 | 21125 |
| NOV | | 100.0 | 99.9 | 98.4 | 94.4 | 87.7 | 76.5 | 61.7 | 42.4 | 17.5 | 73.7 | 21194 |
| DEC | | 100.0 | 100.0 | 99.2 | 96.3 | 90.3 | 80.8 | 67.3 | 50.6 | 26.1 | 77.0 | 21850 |
| TOTALS | | 100.0 | 99.9 | 99.0 | 96.2 | 90.7 | 80.5 | 62.9 | 41.7 | 16.4 | 74.5 | 256141 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

43-74
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.3 | 96.1 | 88.8 | 80.2 | 65.6 | 42.7 | 83.5 | 2205 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.6 | 96.9 | 91.0 | 80.6 | 66.3 | 43.3 | 84.0 | 2343 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.4 | 97.0 | 90.3 | 79.2 | 63.9 | 35.1 | 82.7 | 2884 |
| | 09-11 | 100.0 | 100.0 | 99.0 | 94.2 | 84.9 | 73.1 | 58.2 | 41.0 | 17.7 | 72.7 | 2903 |
| | 12-14 | 100.0 | 99.7 | 96.0 | 87.0 | 75.8 | 63.0 | 47.9 | 30.2 | 11.3 | 66.8 | 2913 |
| | 15-17 | 100.0 | 99.7 | 96.2 | 89.6 | 80.3 | 69.2 | 54.0 | 37.2 | 14.4 | 69.9 | 2918 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 96.4 | 89.7 | 81.6 | 70.5 | 52.4 | 26.9 | 77.7 | 2896 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.5 | 92.8 | 85.1 | 75.7 | 61.1 | 36.1 | 81.0 | 2660 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.9 | 95.5 | 89.2 | 80.3 | 68.3 | 52.2 | 28.4 | 77.3 | 21722 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820 KESLER AFB MISSISSIPPI/BILUXI

43-74

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 99.1 | 94.7 | 86.6 | 75.7 | 63.1 | 41.7 | 82.1 | 2030 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.0 | 96.4 | 89.6 | 77.9 | 62.8 | 41.5 | 82.9 | 2150 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 98.9 | 95.5 | 86.9 | 74.0 | 56.8 | 33.6 | 80.5 | 2665 |
| | 09-11 | 100.0 | 99.9 | 98.1 | 90.6 | 78.8 | 65.0 | 50.8 | 33.7 | 14.0 | 68.8 | 2671 |
| | 12-14 | 100.0 | 99.5 | 93.0 | 82.4 | 70.2 | 56.0 | 40.8 | 23.4 | 7.6 | 63.0 | 2680 |
| | 15-17 | 100.0 | 99.6 | 94.2 | 84.5 | 73.2 | 61.1 | 45.4 | 30.3 | 9.9 | 65.6 | 2682 |
| | 18-20 | 100.0 | 100.0 | 99.3 | 94.8 | 85.7 | 75.0 | 62.2 | 45.0 | 20.3 | 74.1 | 2673 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.1 | 91.7 | 82.2 | 72.2 | 56.4 | 30.8 | 79.1 | 2463 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.0 | 93.4 | 85.8 | 75.3 | 62.4 | 46.4 | 24.9 | 74.5 | 20014 |

RELATIVE HUMIDITY

MAR
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 99.0 | 94.4 | 86.7 | 76.2 | 63.1 | 37.5 | 81.8 | 2138 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.6 | 96.9 | 89.5 | 76.8 | 64.6 | 40.2 | 82.9 | 2291 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.1 | 94.6 | 85.1 | 71.6 | 57.9 | 32.4 | 80.1 | 2859 |
| | 09-11 | 100.0 | 100.0 | 96.4 | 86.7 | 73.5 | 61.2 | 48.9 | 32.5 | 12.7 | 66.9 | 2871 |
| | 12-14 | 100.0 | 99.2 | 91.9 | 81.7 | 68.5 | 55.9 | 42.0 | 25.0 | 7.9 | 62.7 | 2872 |
| | 15-17 | 100.0 | 99.4 | 92.7 | 84.7 | 73.4 | 60.6 | 46.6 | 31.2 | 10.2 | 65.4 | 2859 |
| | 18-20 | 100.0 | 100.0 | 98.6 | 93.9 | 86.3 | 75.8 | 62.0 | 46.9 | 19.4 | 74.1 | 2857 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.0 | 91.6 | 83.9 | 72.2 | 56.9 | 28.5 | 79.1 | 2625 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 97.4 | 92.8 | 84.9 | 74.8 | 62.0 | 47.3 | 23.6 | 74.1 | 21372 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILLOXI
STATION NAME

43-74
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 99.5 | 97.4 | 91.0 | 77.6 | 63.3 | 25.9 | 81.4 | 2004 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 93.6 | 83.2 | 68.0 | 30.9 | 83.3 | 2148 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.5 | 96.0 | 87.2 | 75.2 | 53.9 | 19.4 | 78.9 | 2704 |
| | 09-11 | 100.0 | 99.8 | 97.6 | 90.2 | 78.7 | 65.2 | 46.6 | 20.3 | 4.4 | 65.8 | 2701 |
| | 12-14 | 100.0 | 99.6 | 94.9 | 87.0 | 75.5 | 60.2 | 36.5 | 14.7 | 2.8 | 62.6 | 2703 |
| | 15-17 | 100.0 | 99.9 | 95.1 | 88.2 | 78.9 | 65.4 | 44.8 | 20.0 | 3.8 | 65.1 | 2696 |
| | 18-20 | 100.0 | 100.0 | 99.1 | 95.4 | 87.7 | 76.7 | 62.6 | 39.8 | 9.5 | 72.6 | 2691 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.0 | 94.7 | 85.7 | 73.5 | 53.5 | 16.3 | 77.9 | 2441 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.3 | 94.8 | 88.5 | 78.1 | 62.5 | 41.7 | 14.1 | 73.5 | 20088 |

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820

STATION

KEESLER AFB MISSISSIPPI/BILOXI

STATION NAME

42-74

PERIOD

MAY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.0 | 86.9 | 55.6 | 12.2 | 80.8 | 2161 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.0 | 91.2 | 67.5 | 19.1 | 83.3 | 2474 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 97.4 | 91.1 | 74.0 | 40.0 | 8.0 | 76.6 | 2887 |
| | 09-11 | 100.0 | 99.9 | 98.8 | 92.9 | 81.1 | 62.5 | 30.8 | 7.8 | 1.2 | 63.0 | 2889 |
| | 12-14 | 100.0 | 99.8 | 97.7 | 90.4 | 77.0 | 54.2 | 21.4 | 6.0 | 1.3 | 60.4 | 2888 |
| | 15-17 | 100.0 | 99.9 | 97.6 | 91.8 | 81.6 | 61.1 | 27.8 | 7.4 | 1.3 | 62.4 | 2888 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 97.8 | 91.6 | 79.2 | 54.7 | 20.4 | 2.9 | 70.0 | 2891 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 97.8 | 91.4 | 74.7 | 35.7 | 6.0 | 76.2 | 2443 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.2 | 96.6 | 90.8 | 79.3 | 57.7 | 30.2 | 6.5 | 71.6 | 21521 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILOXI
STATION NAME

42-74
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 91.2 | 55.6 | 13.2 | 81.7 | 2248 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 94.6 | 72.2 | 20.9 | 84.5 | 2521 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 94.8 | 78.4 | 42.1 | 8.7 | 77.9 | 2889 |
| | 09-11 | 100.0 | 100.0 | 99.8 | 98.1 | 90.0 | 68.0 | 26.1 | 7.8 | 2.1 | 64.8 | 2890 |
| | 12-14 | 100.0 | 100.0 | 99.7 | 96.6 | 86.4 | 50.7 | 18.2 | 6.1 | 2.1 | 62.2 | 2884 |
| | 15-17 | 100.0 | 100.0 | 99.8 | 97.2 | 89.1 | 65.3 | 24.6 | 8.4 | 2.5 | 64.2 | 2891 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.4 | 96.8 | 85.5 | 51.4 | 18.0 | 3.8 | 71.2 | 2898 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.4 | 77.4 | 36.4 | 7.1 | 77.2 | 2497 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 98.9 | 95.1 | 83.3 | 57.7 | 30.8 | 7.6 | 73.0 | 21718 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13020 KEESLER AFB MISSISSIPPI/BILLOXI
STATION

42-74

PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 95.0 | 66.9 | 16.9 | 83.5 | 2344 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.0 | 80.4 | 27.6 | 86.2 | 2688 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.1 | 88.9 | 55.7 | 13.2 | 81.2 | 3035 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.5 | 95.9 | 79.0 | 35.5 | 10.6 | 3.0 | 65.0 | 3036 |
| | 12-14 | 100.0 | 100.0 | 99.9 | 98.7 | 91.9 | 67.9 | 25.0 | 9.2 | 2.9 | 65.2 | 3037 |
| | 15-17 | 100.0 | 100.0 | 99.9 | 98.7 | 94.2 | 75.9 | 35.6 | 12.2 | 3.9 | 67.7 | 3048 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 98.6 | 92.1 | 63.1 | 25.2 | 5.5 | 74.2 | 3036 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.7 | 84.4 | 44.2 | 10.1 | 79.3 | 2657 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.6 | 97.6 | 88.8 | 65.6 | 38.1 | 10.4 | 75.7 | 22881 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820

KEESLER AFB MISSISSIPPI/BILUXI

42-74

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 94.7 | 69.9 | 18.3 | 84.0 | 2300 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 97.4 | 82.4 | 25.4 | 86.3 | 2581 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 88.0 | 77.7 | 13.8 | 81.6 | 2919 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.5 | 94.2 | 74.7 | 31.9 | 9.4 | 2.5 | 66.8 | 2919 |
| | 12-14 | 100.0 | 100.0 | 99.7 | 97.0 | 87.9 | 61.3 | 19.8 | 7.8 | 3.0 | 63.3 | 2912 |
| | 15-17 | 100.0 | 100.0 | 99.8 | 97.4 | 91.7 | 69.9 | 29.7 | 12.3 | 3.6 | 65.0 | 2907 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 98.3 | 89.6 | 59.3 | 24.6 | 5.3 | 73.2 | 2910 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.8 | 83.2 | 46.1 | 10.2 | 79.3 | 2535 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 99.2 | 96.5 | 86.2 | 63.0 | 38.8 | 10.3 | 75.1 | 21983 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
STATION

KEESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
PERIOD

SLP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.1 | 90.4 | 70.4 | 23.8 | 83.9 | 30 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.2 | 92.6 | 77.1 | 22.9 | 86.0 | 2419 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.6 | 86.1 | 61.9 | 20.5 | 82.3 | 2737 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 97.7 | 90.9 | 73.7 | 42.2 | 17.6 | 5.0 | 68.2 | 2734 |
| | 12-14 | 100.0 | 100.0 | 99.5 | 94.1 | 82.9 | 61.2 | 28.2 | 11.9 | 4.1 | 64.0 | 2719 |
| | 15-17 | 100.0 | 100.0 | 99.5 | 96.1 | 87.6 | 71.0 | 39.0 | 16.0 | 4.8 | 67.0 | 2744 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.6 | 97.7 | 89.3 | 69.0 | 33.3 | 7.6 | 75.3 | 2745 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.2 | 96.0 | 84.6 | 55.4 | 14.9 | 80.6 | 2395 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 98.4 | 94.7 | 85.6 | 66.5 | 43.0 | 14.2 | 75.9 | 20673 |

RELATIVE HUMIDITY

OCT
MONTH

| MONTH | HOURS (LST.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|-----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 99.4 | 97.1 | 92.1 | 80.1 | 62.3 | 23.8 | 81.3 | 2177 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 98.7 | 94.6 | 84.3 | 64.8 | 30.6 | 83.1 | 2466 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 97.7 | 91.3 | 76.9 | 53.9 | 20.2 | 79.8 | 2788 |
| | 09-11 | 100.0 | 100.0 | 98.1 | 90.4 | 76.1 | 56.4 | 34.6 | 13.8 | 2.8 | 62.8 | 2809 |
| | 12-14 | 100.0 | 99.5 | 93.8 | 81.0 | 64.1 | 45.5 | 22.7 | 7.4 | 1.9 | 57.2 | 2808 |
| | 15-17 | 100.0 | 99.6 | 95.9 | 86.8 | 74.9 | 58.1 | 35.1 | 13.6 | 3.1 | 62.3 | 2809 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.6 | 93.9 | 83.7 | 60.0 | 40.5 | 8.1 | 4.6 | 2803 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.7 | 96.3 | 89.1 | 76.1 | 56.8 | 17.3 | 70.3 | 2465 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 93.5 | 94.4 | 87.4 | 76.4 | 59.5 | 39.1 | 15.5 | 72.6 | 21125 |

RELATIVE HUMIDITY

MLV

| MONTH | HOURS (LST.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 99.7 | 97.1 | 89.9 | 77.4 | 59.7 | 29.5 | 81.3 | 2129 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 91.8 | 79.6 | 61.5 | 20.2 | 82.2 | 2307 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 97.4 | 89.6 | 76.1 | 54.9 | 24.1 | 80.3 | 2824 |
| | 09-11 | 100.0 | 100.0 | 98.1 | 90.2 | 77.5 | 60.9 | 42.3 | 23.2 | 7.4 | 65.5 | 2837 |
| | 12-14 | 100.0 | 99.5 | 93.3 | 82.0 | 68.9 | 50.2 | 32.3 | 15.1 | 4.4 | 60.1 | 2639 |
| | 15-17 | 100.0 | 99.8 | 95.7 | 87.1 | 77.0 | 61.4 | 44.5 | 24.0 | 6.1 | 65.2 | 2834 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 97.8 | 91.6 | 82.1 | 67.3 | 45.5 | 14.7 | 75.7 | 2827 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.9 | 94.3 | 86.3 | 74.0 | 55.3 | 23.7 | 79.1 | 2597 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.4 | 94.4 | 87.7 | 76.5 | 61.7 | 42.4 | 17.5 | 73.7 | 21194 |

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13820
STATION

KLESLER AFB MISSISSIPPI/BILUXI
STATION NAME

42-74
PERIOD

DLC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 99.5 | 97.0 | 90.2 | 78.6 | 63.8 | 37.7 | 82.7 | 2281 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 98.4 | 92.4 | 81.1 | 63.8 | 38.9 | 83.5 | 2409 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 98.5 | 92.6 | 79.1 | 61.2 | 34.1 | 82.6 | 2869 |
| | 09-11 | 100.0 | 100.0 | 99.1 | 95.1 | 85.1 | 71.2 | 54.4 | 38.0 | 16.0 | 71.8 | 2971 |
| | 12-14 | 100.0 | 99.8 | 96.6 | 87.9 | 75.2 | 60.7 | 45.0 | 29.7 | 9.9 | 66.1 | 2977 |
| | 15-17 | 100.0 | 99.9 | 97.7 | 90.4 | 80.2 | 68.1 | 53.6 | 36.5 | 13.9 | 69.8 | 2940 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.7 | 92.8 | 83.9 | 70.5 | 51.3 | 25.6 | 78.1 | 2796 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.3 | 95.4 | 87.3 | 76.0 | 60.3 | 32.5 | 81.0 | 2607 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.2 | 96.3 | 90.3 | 80.8 | 67.3 | 50.6 | 26.1 | 77.0 | 21850 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

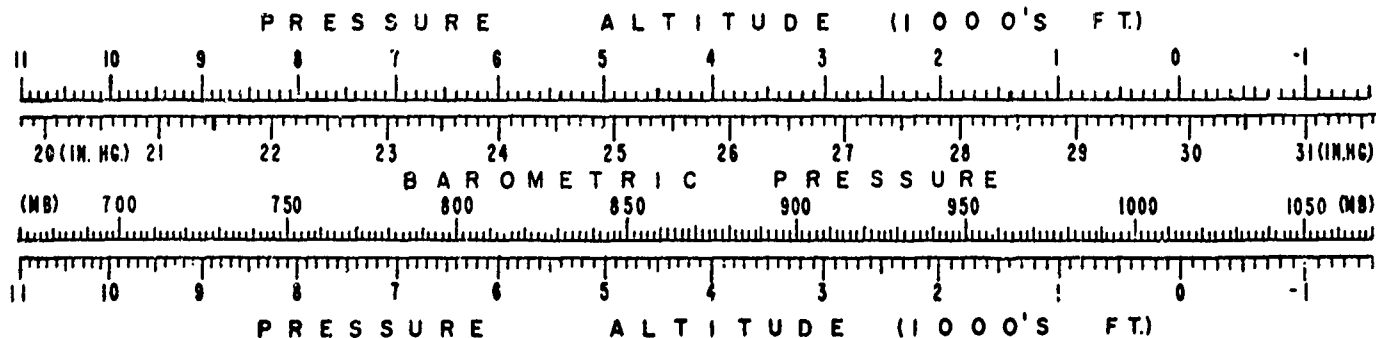
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRECIPITATION IN INCHES HG FROM HOURLY OBSERVATIONS

13820 KEESELER AFB MISSISSIPPI/BILUXI 46-63,65-74

| STATION | | STATION NAME | | | | | | | | | | | | YEARS |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 00 | MEAN | 30.115 | 30.066 | 30.003 | 29.987 | 29.953 | 29.942 | 29.983 | 29.962 | 29.946 | 30.018 | 30.065 | 30.112 | 30.013 |
| | S D | .166 | .184 | .155 | .145 | .098 | .082 | .068 | .085 | .090 | .123 | .146 | .160 | .143 |
| | TOTAL OBS | 589 | 537 | 558 | 549 | 570 | 568 | 588 | 659 | 612 | 621 | 598 | 617 | 7066 |
| 03 | MEAN | 30.109 | 30.055 | 29.986 | 29.967 | 29.945 | 29.934 | 29.972 | 29.948 | 29.935 | 30.004 | 30.057 | 30.102 | 29.999 |
| | S D | .167 | .183 | .159 | .148 | .099 | .081 | .067 | .077 | .093 | .123 | .151 | .163 | .143 |
| | TOTAL OBS | 588 | 536 | 558 | 558 | 611 | 613 | 660 | 704 | 658 | 672 | 600 | 613 | 7371 |
| 06 | MEAN | 30.123 | 30.084 | 30.023 | 30.007 | 29.976 | 29.968 | 30.009 | 29.984 | 29.964 | 30.030 | 30.082 | 30.112 | 30.030 |
| | S D | .171 | .185 | .169 | .140 | .104 | .083 | .072 | .079 | .096 | .122 | .153 | .167 | .145 |
| | TOTAL OBS | 823 | 751 | 797 | 792 | 826 | 783 | 827 | 868 | 809 | 833 | 833 | 805 | 9747 |
| 09 | MEAN | 30.165 | 30.121 | 30.060 | 30.038 | 30.001 | 29.991 | 30.033 | 30.011 | 29.991 | 30.062 | 30.118 | 30.150 | 30.062 |
| | S D | .172 | .186 | .172 | .151 | .107 | .085 | .073 | .080 | .098 | .124 | .155 | .168 | .149 |
| | TOTAL OBS | 826 | 751 | 801 | 779 | 811 | 786 | 827 | 868 | 806 | 834 | 834 | 851 | 9774 |
| 12 | MEAN | 30.129 | 30.096 | 30.038 | 30.021 | 29.985 | 29.976 | 30.018 | 29.992 | 29.972 | 30.027 | 30.080 | 30.111 | 30.037 |
| | S D | .171 | .181 | .169 | .149 | .104 | .086 | .075 | .088 | .098 | .122 | .151 | .165 | .144 |
| | TOTAL OBS | 826 | 751 | 804 | 778 | 810 | 785 | 828 | 867 | 807 | 833 | 834 | 853 | 9776 |
| 15 | MEAN | 30.089 | 30.045 | 29.986 | 29.975 | 29.945 | 29.939 | 29.980 | 29.952 | 29.929 | 29.986 | 30.041 | 30.073 | 29.995 |
| | S D | .167 | .180 | .166 | .148 | .106 | .086 | .075 | .080 | .097 | .120 | .148 | .160 | .142 |
| | TOTAL OBS | 823 | 751 | 800 | 777 | 814 | 784 | 832 | 863 | 810 | 833 | 835 | 851 | 9773 |
| 18 | MEAN | 30.105 | 30.052 | 29.985 | 29.969 | 29.935 | 29.926 | 29.971 | 29.945 | 29.931 | 29.996 | 30.058 | 30.091 | 29.997 |
| | S D | .167 | .182 | .166 | .143 | .101 | .086 | .072 | .081 | .094 | .118 | .149 | .159 | .145 |
| | TOTAL OBS | 821 | 749 | 799 | 773 | 810 | 787 | 826 | 865 | 809 | 832 | 826 | 800 | 9697 |
| 21 | MEAN | 30.126 | 30.075 | 30.013 | 29.998 | 29.960 | 29.949 | 29.993 | 29.972 | 29.962 | 30.025 | 30.082 | 30.112 | 30.022 |
| | S D | .166 | .185 | .163 | .141 | .101 | .085 | .073 | .086 | .092 | .120 | .150 | .163 | .144 |
| | TOTAL OBS | 818 | 751 | 803 | 776 | 814 | 784 | 830 | 865 | 810 | 834 | 835 | 786 | 9708 |
| ALL HOURS | MEAN | 30.121 | 30.075 | 30.013 | 29.997 | 29.964 | 29.954 | 29.996 | 29.971 | 29.954 | 30.019 | 30.074 | 30.108 | 30.020 |
| | S D | .170 | .185 | .168 | .148 | .105 | .087 | .075 | .085 | .097 | .123 | .152 | .165 | .146 |
| | TOTAL OBS | 6114 | 5577 | 5920 | 5782 | 6066 | 5890 | 6218 | 6559 | 6121 | 6292 | 6195 | 6178 | 72912 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13820 KESLER AFB MISSISSIPPI/BILOXI 42-74

| STATION | | STATION NAME | | | | | | | | | | | | YEARS |
|-----------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| HRS (LST) | | JAN | FEB. | MAR | APR | MAY | JUN. | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 00 | MEAN S D TOTAL OBS | 1020.8 5.537 744 | 1019.3 6.130 679 | 1017.3 5.289 713 | 1016.6 4.902 699 | 1015.8 3.331 747 | 1015.1 2.786 748 | 1016.4 2.319 774 | 1015.6 2.733 815 | 1015.2 3.027 761 | 1017.6 4.056 777 | 1019.3 4.852 748 | 1020.7 5.572 772 | 1017.5 4.795 8977 |
| 03 | MEAN S D TOTAL OBS | 1020.6 5.587 743 | 1018.9 6.160 678 | 1016.7 5.392 713 | 1016.0 4.988 708 | 1015.4 3.358 715 | 1014.8 2.770 793 | 1016.0 2.273 846 | 1015.2 2.530 858 | 1014.9 3.067 807 | 1017.1 4.073 826 | 1019.1 4.975 749 | 1020.4 5.653 769 | 1017.0 4.813 9275 |
| 06 | MEAN S D TOTAL OBS | 1021.1 5.714 978 | 1019.8 6.206 893 | 1017.9 5.731 952 | 1017.2 5.014 932 | 1016.4 3.526 988 | 1015.9 2.829 962 | 1017.2 2.393 1012 | 1016.4 2.563 1023 | 1015.8 3.171 959 | 1018.0 4.092 988 | 1019.9 5.121 984 | 1020.8 5.763 960 | 1018.0 4.867 11631 |
| 09 | MEAN S D TOTAL OBS | 1022.5 5.779 982 | 1021.0 6.246 893 | 1019.1 5.809 957 | 1018.3 5.124 933 | 1017.2 3.593 990 | 1016.7 2.879 965 | 1018.0 2.451 1013 | 1017.3 2.613 1023 | 1016.7 3.253 951 | 1019.0 4.148 989 | 1021.1 5.158 984 | 1022.1 5.788 996 | 1019.1 5.002 11676 |
| 12 | MEAN S D TOTAL OBS | 1021.3 5.684 981 | 1020.2 6.076 892 | 1018.4 5.716 959 | 1017.7 5.061 932 | 1016.7 3.533 988 | 1016.2 2.901 965 | 1017.5 2.499 1014 | 1016.6 2.669 1021 | 1016.1 3.243 957 | 1017.8 4.090 988 | 1019.7 5.035 984 | 1020.8 5.669 998 | 1018.2 4.832 11679 |
| 15 | MEAN S D TOTAL OBS | 1019.9 5.581 978 | 1018.5 6.051 893 | 1016.6 5.616 955 | 1016.1 5.008 929 | 1015.3 3.564 990 | 1014.9 2.923 964 | 1016.3 2.503 1018 | 1015.3 2.629 1018 | 1014.6 3.205 960 | 1016.5 4.010 987 | 1018.5 4.935 984 | 1019.5 5.560 997 | 1016.8 4.774 11673 |
| 18 | MEAN S D TOTAL OBS | 1020.4 5.554 976 | 1018.7 6.095 890 | 1016.6 5.551 953 | 1015.9 4.892 925 | 1015.0 3.422 988 | 1014.5 2.898 968 | 1015.9 2.417 1011 | 1015.0 2.688 1019 | 1014.7 3.109 958 | 1016.9 3.953 988 | 1019.1 4.945 977 | 1020.1 5.511 955 | 1016.9 4.855 11608 |
| 21 | MEAN S D TOTAL OBS | 1021.1 5.557 973 | 1019.5 6.169 893 | 1017.6 5.504 957 | 1016.9 4.819 929 | 1015.8 3.407 991 | 1015.3 2.880 963 | 1016.7 2.429 1016 | 1015.9 2.777 1019 | 1015.7 3.046 960 | 1017.8 3.957 989 | 1019.9 5.014 985 | 1020.8 5.608 942 | 1017.7 4.841 11617 |
| ALL HOURS | MEAN S D TOTAL OBS | 1021.0 5.674 7355 | 1019.5 6.192 6711 | 1017.6 5.657 7159 | 1016.7 5.040 6987 | 1016.0 3.548 7467 | 1015.5 2.950 7328 | 1016.8 2.520 7704 | 1015.9 2.755 7796 | 1015.5 3.225 7313 | 1017.6 4.116 7532 | 1019.6 5.064 7295 | 1020.7 5.687 7389 | 1017.7 4.906 86136 |